



STIC Search Report

EIC 2600

STIC Database Tracking Number: 186535

TO: Andrea Ragonese

Location: RND 7c 59

Art Unit : 3743

Saturday, July 02, 2005

Case Serial Number: 09/880506

From: Paul Obiniyi

Location: EIC 2600

KNX 08 B55

Phone: 305-1836

paul.obiniyi@uspto.gov

Search Notes

Dear Examiner Ragonese,

Attached please find the results of your search. Please feel free to contact me if you have additional questions or would like a re-focus search. Thank you and have a great day.

Paul

156536

Access DB#

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name Andres Ragonese Examiner #: 77465 Date: 06/15/05
 Art Unit: 3743 Phone Number 24804 Serial Number: 09/880506
 Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elec species or structures; keywords, synonyms, acronyms; and registry numbers; and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

STAFF USE ONLY

Searcher: Paul Obinnyi

Searcher Phone #: 27734

Searcher Location: KNX 08B55

Date Searcher Picked Up: 06/29/05

Date Completed: 07/02/05

Searcher Prep & Review Time: 65

Clerical Prep Time: _____

Online Time: 170

Type of Search

Sequence (#) _____

AA Sequence (#) _____

Structure (#) _____

Bibliographic ✓

Litigation _____

Fulltext ✓

Patent Family _____

Other ✓

Vendors and cost where applicable

STN _____

Dialog ✓

Questel/Orbit _____

Dr.Link _____

Lexis/Nexis _____

Sequence Systems _____

WWW/Internet ✓

Other (specify) Medline, Proquest, Dtic

? show files; ds; save temp; logoff hold

File 2:INSPEC 1969-2005/Jun W3
(c) 2005 Institution of Electrical Engineers

File 6:NTIS 1964-2005/Jun W4
(c) 2005 NTIS, Intl Cpyrght All Rights Res

File 8:EI Compendex(R) 1970-2005/Jun W3
(c) 2005 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2005/Jun W4
(c) 2005 Inst for Sci Info

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info

File 94:JICST-EPlus 1985-2005/May W2
(c) 2005 Japan Science and Tech Corp(JST)

File 144:Pascal 1973-2005/Jun W3
(c) 2005 INIST/CNRS

File 35:Dissertation Abs Online 1861-2005/Jun
(c) 2005 ProQuest Info&Learning

File 441:ESPICOM Pharm&Med DEVICE NEWS 2005/May W5
(c) 2005 ESPICOM Bus.Intell.

Set	Items	Description
S1	3204	EMBOLI?(3N)COIL?
S2	9	S1(7N)(PLATINUM(3N)ALLOY? OR PLATINUM(3N)TUNGSTEN)
S3	105740	(TWO OR DOUBLE OR SECONDARY OR SECOND OR DUAL OR MORE(2W)O-NE)(3N) SURFACE?
S4	1233	S3(7N)(SMOOTH? OR FINE? OR UNWRINKLED)
S5	326	S3(7N)TEXTURE?
S6	21	OCCLUD?(3N)VASCULATURE?
S7	2	S6(7N)PATIENT?
S8	80	S1(7N)(MULTI OR MULTIPLE OR MANY OR SEVERAL OR PLURAL??? OR VARIOUS)
S9	0	S8(7N)TEXTURE()SURFACE?
S10	23445	AU=(JONES, D? OR JONES D? OR MITELBERG, V? OR MITELBERG V?)
S11	0	S10 AND S1
S12	8	RD S2 (unique items)
S13	6	S12 NOT PY>2001
S14	0	S1(S)S3
S15	0	S1(S)S4
S16	0	S1(S)S5
S17	12	RD S6 (unique items)
S18	8	S17 NOT PY>2001
S19	8	S18 NOT S13
S20	1	RD S7 (unique items)
S21	0	S20 NOT PY>2001
S22	59	RD S8 (unique items)
S23	39	S22 NOT PY>2001
S24	0	S23(S)ALLOY?

13/3,K/1 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

10099661 Genuine Article#: 485JZ No. References: 29
Title: Role of electrothrombosis in aneurysm treatment with Guglielmi detachable coils: An in vitro scanning electron microscopic study
Author(s): Padolecchia R (REPRINT) ; Guglielmi G; Puglioli M; Castagna M; Nardini V; Collavoli PL; Guidetti G; Dazzi M; Zucchi V; Narducci P
Corporate Source: Santa Chiara Hosp,Neuroradiol Sect,Via Roma 67/I-56100 Pisa//Italy/ (REPRINT); Santa Chiara Hosp,Neuroradiol Sect,I-56100 Pisa//Italy//; Santa Chiara Hosp,Dept Surg, Pathol Lab,Pisa//Italy//; Santa Chiara Hosp,Dept Oncol, Pathol Sect,Pisa//Italy//; Univ Pisa,Pisa//Italy//; Univ Roma La Sapienza,Dept Neurosci, Sect Intervent Neuroradiol,Pisa//Italy/
Journal: AMERICAN JOURNAL OF NEURORADIOLOGY, 2001, V22, N9 (OCT), P 1757-1760
ISSN: 0195-6108 Publication date: 20011000
Publisher: AMER SOC NEURORADIOLOGY, 2210 MIDWEST RD, OAK BROOK, IL 60521 USA
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Identifiers--HISTOPATHOLOGIC FINDINGS; SACCULAR ANEURYSMS; ARTERY ANEURYSMS; **TUNGSTEN COILS ; PLATINUM COIL ; EMBOLIZATION ; THROMBOSIS**

13/3,K/2 (Item 2 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

09815631 Genuine Article#: 453BX No. References: 14
Title: Delayed aneurysm rerupture following total endovascular occlusion
Author(s): Birchall D (REPRINT) ; Khangure MS; McAuliffe W; Thomas W
Corporate Source: Newcastle Gen Hosp,Dept Neuroradiol,Westgate Rd/Newcastle Upon Tyne NE2 2QA/Tyne & Wear/England/ (REPRINT); Newcastle Gen Hosp,Dept Neuroradiol,Newcastle Upon Tyne NE2 2QA/Tyne & Wear/England//; Royal Perth Hosp,Intervent Neuroradiol Unit,Perth/WA/Australia//; Royal Perth Hosp,Dept Neurosurg,Perth/WA/Australia/
Journal: BRITISH JOURNAL OF NEUROSURGERY, 2001, V15, N3 (JUN), P269-272
ISSN: 0268-8697 Publication date: 20010600
Publisher: CARFAX PUBLISHING, RANKINE RD, BASINGSTOKE RG24 8PR, HANTS, ENGLAND
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Identifiers--GUGLIELMI DETACHABLE COILS; PREVIOUSLY UNRUPTURED ANEURYSM; SACCULAR ANEURYSMS; SUBARACHNOID HEMORRHAGE; LATE RECURRENCE; **TUNGSTEN COILS ; ELECTROTHROMBOSIS; EMBOLIZATION; PLATINUM**

13/3,K/3 (Item 3 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

09205416 Genuine Article#: 378YZ No. References: 10
Title: Successful treatment of coronary artery perforation in an abciximab-treated patient by microcoil embolization
Author(s): Assali AR; Moustapha A; Sdringola S; Rihner M; Smalling RW (REPRINT)

Corporate Source: UNIV TEXAS,SCH MED, DIV CARDIOL, POB
20708/HOUSTON//TX/77225 (REPRINT); UNIV TEXAS,SCH MED, DIV
CARDIOL/HOUSTON//TX/77225; HERMANN HOSP,/HOUSTON//TX/77225
Journal: CATHETERIZATION AND CARDIOVASCULAR INTERVENTIONS, 2000, V51, N4 (DEC), P487-489
ISSN: 1522-1946 Publication date: 20001200
Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK, NY 10158-0012
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: artery rotablation and stenting with abciximab therapy, The coronary artery perforation was successfully treated by **coil embolization** with Trufill pushable **coils** made from **platinum alloy** and synthetic fibers to promote maximum thrombogenicity. Cathet. Cardiovasc. Intervent. 51:487-489, 2000. (C...

13/3,K/4 (Item 4 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

07889275 Genuine Article#: 220RT No. References: 24
Title: Gross and microscopic histopathological findings in aneurysms of the human brain treated with Guglielmi detachable coils
Author(s): Bavinzski G (REPRINT) ; Talazoglu V; Killer M; Richling B; Gruber A; Gross CE; Plenck H
Corporate Source: UNIV VIENNA,NEUROCHIRURG KLIN, ALLGEMEINES KRANKENHAUS STADT WIEN, WAEHRINGER GUERTEL 1/A-1090 VIENNA//AUSTRIA/ (REPRINT); UNIV VIENNA,INST HISTOL & EMBRYOL, DEPT NEUROSURG/A-1090 VIENNA//AUSTRIA/; UNIV VIENNA,INST HISTOL & EMBRYOL, DEPT BONE & BIOMAT RES/A-1090 VIENNA//AUSTRIA/; UNIV VERMONT,DEPT SURG, DIV NEUROSURG/BURLINGTON//VT/05405
Journal: JOURNAL OF NEUROSURGERY, 1999, V91, N2 (AUG), P284-293
ISSN: 0022-3085 Publication date: 19990800
Publisher: AMER ASSOC NEUROLOGICAL SURGEONS, UNIV VIRGINIA, 1224 WEST MAIN ST, STE 450, CHARLOTTESVILLE, VA 22903
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Identifiers--INTRACRANIAL ANEURYSMS; ENDOVASCULAR OCCLUSION; SACCULAR ANEURYSMS; **TUNGSTEN COILS ; EMBOLIZATION ; PLATINUM**

13/3,K/5 (Item 5 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

07705458 Genuine Article#: 198RY No. References: 15
Title: The porous, guidewire-directed, detachable aneurysm liner: A new concept in the endovascular treatment of intracranial aneurysms
Author(s): Jeffree MA (REPRINT) ; Byrne JV; Royston DD; Deasy NP; Morris JH
Corporate Source: UNIV LONDON KINGS COLL HOSP,DEPT NEURORADIOL, DENMARK HILL/LONDON SE5 9RS//ENGLAND/ (REPRINT); RADCLIFFE INFIRM,/OXFORD OX2 6HE//ENGLAND/
Journal: AMERICAN JOURNAL OF NEURORADIOLOGY, 1999, V20, N5 (MAY), P774-779
ISSN: 0195-6108 Publication date: 19990500
Publisher: AMER SOC NEURORADIOLOGY, 2210 MIDWEST RD, OAK BROOK, IL 60521
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Identifiers--SACCULAR ANEURYSMS; **TUNGSTEN COILS ; EMBOLIZATION ;**

ELECTROTHROMBOSIS; **PLATINUM**; RUPTURE

13/3,K/6 (Item 6 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

07083708 Genuine Article#: 121WW No. References: 18

Title: Thromboembolic events associated with the treatment of cerebral aneurysms with Guglielmi detachable coils

Author(s): Pelz DM (REPRINT) ; Lownie SP; Fox AJ

Corporate Source: UNIV WESTERN ONTARIO, LONDON HLTH SCI CTR, DEPT DIAGNOST
RADIOL, 339 WINDERMERE RD/LONDON/ON N6A 5A5/CANADA/ (REPRINT); UNIV
WESTERN ONTARIO, LONDON HLTH SCI CTR, DEPT CLIN NEUROL SCI/LONDON/ON N6A
5A5/CANADA/

Journal: AMERICAN JOURNAL OF NEURORADIOLOGY, 1998, V19, N8 (SEP), P
1541-1547

ISSN: 0195-6108 Publication date: 19980900

Publisher: AMER SOC NEURORADIOLOGY, 2210 MIDWEST RD, OAK BROOK, IL 60521

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Identifiers--INTRACRANIAL ANEURYSMS; SACCULAR ANEURYSMS; ENDOVASCULAR
APPROACH; **TUNGSTEN COILS** ; ELECTROTHROMBOSIS; **EMBOLIZATION**;
PLATINUM; OCCLUSION; BALLOONS

?

19/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

6320666 INSPEC Abstract Number: A1999-18-8780-014
Title: Model for intravital microscopic evaluation of the effects of arterial occlusion-caused ischemia in bone
Author(s): Hsieh, A.S.; Winet, H.; Bao, J.Y.; Stevanovic, M.
Author Affiliation: Dept. of Biomed. Eng., Univ. of Southern California, Los Angeles, CA, USA
Journal: Annals of Biomedical Engineering vol.27, no.4 p.508-16
Publisher: Biomed. Eng. Soc,
Publication Date: July 1999 Country of Publication: USA
CODEN: ABMECF ISSN: 0090-6964
SICI: 0090-6964(199907)27:4L:508:MIME;1-X
Material Identity Number: A293-1999-003
U.S. Copyright Clearance Center Code: 0090-6964/99\$15.00
Language: English
Subfile: A
Copyright 1999, IEE

...Abstract: of FITC-D70 from the few vessels perfused during secondary ischemia. In the weeks following **occluder** release perfused **vasculature** increased beyond pre-occlusion levels. Net bone resorption reached a maximum when vascularity passed normal...

19/3,K/2 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

10028046 Genuine Article#: 477QA No. References: 74
Title: Immunolocalization of occludin and claudin-1 to tight junctions in intact CNS vessels of mammalian retina
Author(s): Morcos Y; Hosie MJ; Bauer HC; Chan-Ling T (REPRINT)
Corporate Source: Univ Sydney,Inst Biomed Res, Dept Anat & Histol,Sydney/NSW 2006/Australia/ (REPRINT); Univ Sydney,Inst Biomed Res, Dept Anat & Histol,Sydney/NSW 2006/Australia/; Univ Sydney,Key Ctr Microscopy & Microanal,Sydney/NSW 2006/Australia/; Univ Sydney,Electron Microscope Unit,Sydney/NSW 2006/Australia/; Austrian Acad Sci,Inst Mol Biol,A-5020 Salzburg//Austria/
Journal: JOURNAL OF NEUROCYTOLOGY, 2001, V30, N2 (FEB), P107-123
ISSN: 0300-4864 Publication date: 20010200
Publisher: KLUWER ACADEMIC PUBL, SPUIBOULEVARD 50, PO BOX 17, 3300 AA DORDRECHT, NETHERLANDS
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: Further, the distribution of occludin was examined during formation and remodelling of the rat retinal **vasculature**. **Occludin** expression was evident at the leading edge of vessel formation and was found on all...

19/3,K/3 (Item 2 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

09011028 Genuine Article#: 356HN No. References: 75
Title: Prenatal diagnosis in multiple pregnancy

Author(s): Taylor MJO (REPRINT) ; Fisk NM
Corporate Source: QUEEN CHARLOTTE'S & CHELSEA HOSP, DIV PAEDIAT OBSTET &
GYNAECOL, IMPERIAL COLL, SCH MED/LONDON W6 0XG//ENGLAND/ (REPRINT)
Journal: BEST PRACTICE & RESEARCH IN CLINICAL OBSTETRICS & GYNAECOLOGY,
2000, V14, N4 (AUG), P663-675
ISSN: 1521-6934 Publication date: 20000800
Publisher: BAILLIERE TINDALL, 24-28 OVAL RD, LONDON NW1 7DX, ENGLAND
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: of co-twin sequelae after any single intrauterine death.
Techniques have now been developed to **occlude** completely the cord
vasculature by laser and/or ultrasound guided bipolar diathermy. Given
the complexities associated with prenatal diagnosis...

19/3,K/4 (Item 3 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

08605575 Genuine Article#: 307FD No. References: 10
**Title: Intra-arterial thrombolysis for the treatment of perioperative
childhood cardioembolic stroke**
Author(s): Gruber A (REPRINT) ; Nasel C; Lang W; Kitzmuller E; Bavinzski G;
Czech T
Corporate Source: UNIV VIENNA, SCH MED, DEPT NEUROSURG, WAEHRINGER GUERTEL
18-20/A-1090 VIENNA//AUSTRIA/ (REPRINT); UNIV VIENNA, SCH MED, DEPT
NEURORADIOL/A-1090 VIENNA//AUSTRIA/; UNIV VIENNA, SCH MED, DEPT
NEUROL/A-1090 VIENNA//AUSTRIA/; UNIV VIENNA, SCH MED, DEPT PEDIAT/A-1090
VIENNA//AUSTRIA/
Journal: NEUROLOGY, 2000, V54, N8 (APR 25), P1684-1686
ISSN: 0028-3878 Publication date: 20000425
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA
19106-3621
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: 2.5 mg rTPA (0.11 mg/kg body weight) resulted in
recanalization of the **occluded** cerebral **vasculature** with good
neurologic recovery.

19/3,K/5 (Item 4 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

08357047 Genuine Article#: 276AF No. References: 20
Title: A study of surgical approaches to retinal vascular occlusions
Author(s): Tang WM (REPRINT) ; Han DP
Corporate Source: BOSTON UNIV, SCH MED, DEPT OPHTHALMOL/BOSTON//MA/02118
(REPRINT); MED COLL WISCONSIN, /MILWAUKEE//WI/53226
Journal: ARCHIVES OF OPHTHALMOLOGY, 2000, V118, N1 (JAN), P138-143
ISSN: 0003-9950 Publication date: 20000100
Publisher: AMER MEDICAL ASSOC, 515 N STATE ST, CHICAGO, IL 60610
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: the retinal vasculature was completely patent.

Conclusions: Multiple surgical techniques aimed at assisting
recanalization of **occluded** retinal **vasculature** have been evaluated.
Retinal vascular surgery has become more feasible and deserves further

investigation.

19/3,K/6 (Item 5 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

06761744 Genuine Article#: ZP770 No. References: 32

Title: Experimental evaluation of superparamagnetic iron oxide nanoparticles for pulmonary MR angiography

Author(s): NolteErnsting C (REPRINT) ; Adam G; Bucker A; Berges S; Bjornerud A; Gunther RW

Corporate Source: RHEIN WESTFAL TH AACHEN, RADIOL DIAGNOST KLIN, UNIV KLINIKUM, PAUWELSSTR 30/D-52057 AACHEN//GERMANY/ (REPRINT); NYCOMED IMAGING AS,/OSLO//NORWAY/

Journal: ROFO-FORTSCHRITTE AUF DEM GEBIET DER RONTGENSTRAHLEN UND DER BILDGEBENDEN VERFAHREN, 1998, V168, N5 (MAY), P508-513

ISSN: 0936-6652 Publication date: 19980500

Publisher: GEORG THIEME VERLAG, P O BOX 30 11 20, D-70451 STUTTGART, GERMANY

Language: German Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: order subsegmental branches including vessel diameters of approximately 1.5 mm. In the normal non- **occluded vasculature** , no signal void is seen in the T-E range of 2.8-5.5...

19/3,K/7 (Item 6 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

06007786 Genuine Article#: XN765 No. References: 25

Title: Inhalation injury increases the anastomotic bronchial blood flow in the pouch model of the left ovine lung

Author(s): Hinder F; Matsumoto N; Booke M; Bradford DW; Traber LD; Herndon DN; Traber DL (REPRINT)

Corporate Source: UNIV TEXAS, MED BRANCH, INVEST INTENS CARE UNIT, DEPT ANESTHESIOLOGY, 610 TEXAS AVE/GALVESTON//TX/77555 (REPRINT); UNIV TEXAS, MED BRANCH, INVEST INTENS CARE UNIT, DEPT ANESTHESIOLOGY/GALVESTON//TX/77555; UNIV TEXAS, MED BRANCH, DEPT PHYSIOLOGY & BIOPHYSICS/GALVESTON//TX/77555; UNIV TEXAS, MED BRANCH, DEPT SURGERY/GALVESTON//TX/77555; SHRINERS BURNS INST./GALVESTON//TX/77555

Journal: SHOCK, 1997, V8, N2 (AUG), P131-135

ISSN: 1073-2322 Publication date: 19970800

Publisher: BIOMEDICAL PRESS, 1021 15TH ST, BIOTECH PARK STE 9, AUGUSTA, GA 30901

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: artery (BEA); a catheter in the LPA; and Swan-Ganz and femoral artery catheters. The **vasculature** between the **occluders** was defined as pouch. At stable mean arterial and right pulmonary arterial pressures, LPA occlusion...

19/3,K/8 (Item 7 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2005 Inst for Sci Info. All rts. reserv.

04360837 Genuine Article#: RX595 No. References: 36

**Title: CHOICE OF ANESTHETIC REGIMEN INFLUENCES HEMODYNAMIC-RESPONSE TO
CEMENTED ARTHROPLASTY**

Author(s): GUEST CB; BYRICK RJ; MAZER CD; WIGGLESWORTH DF; MULLEN JB; TONG
JH

Corporate Source: ST MICHAELS HOSP, DEPT ANAESTHESIA, 30 BOND ST/TORONTO/ON
M5B 1W8/CANADA/; ST MICHAELS HOSP, DEPT ANAESTHESIA/TORONTO/ON M5B
1W8/CANADA/; MT SINAI HOSP, DEPT PATHOL/TORONTO/ON M5G 1X5/CANADA/;
TORONTO HOSP, DIV GEN, DEPT BIOCHEM/TORONTO/ON M5G 2C4/CANADA/; UNIV
TORONTO, FAC MED/TORONTO/ON/CANADA/

Journal: CANADIAN JOURNAL OF ANAESTHESIA-JOURNAL CANADIEN D ANESTHESIE,
1995, V42, N10 (OCT), P928-936

ISSN: 0832-610X

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: 13; P > 0.05 between groups, P < 0.05 vs baseline). The
proportion of lung **vasculature occluded** by fat was not different
between groups (ISOF 9.63 +/- 3.38%, FENT 8.85...

?

? show files; ds; save temp; logoff hold
File 348:EUROPEAN PATENTS 1978-2005/Jun W04
(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050630,UT=20050623
(c) 2005 WIPO/Univentio

Set	Items	Description
S1	394	EMBOLI?(3N)COIL?
S2	8	S1(7N)(PLATINUM(3N)ALLOY? OR PLATINUM(3N)TUNGSTEN)
S3	158526	(TWO OR DOUBLE OR SECONDARY OR SECOND OR DUAL OR MORE(2W)O-NE)(3N) SURFACE?
S4	2682	S3(7N)(SMOOTH? OR FINE? OR UNWRINKLED)
S5	496	S3(7N)TEXTURE?
S6	124	OCCLUD?(3N)VASCULATURE?
S7	34	S6(7N)PATIENT?
S8	48	S1(7N)(MULTI OR MULTIPLE OR MANY OR SEVERAL OR PLURAL??? OR VARIOUS)
S9	0	S8(7N)TEXTURE()SURFACE?
S10	1014	AU=(JONES, D? OR JONES D? OR MITELBERG, V? OR MITELBERG V?)
S11	37123	IC=A61M?
S12	5	S11 AND S10
S13	0	S12 AND S1
S14	8	IDPAT S2 (sorted in duplicate/non-duplicate order)
S15	8	IDPAT S2 (primary/non-duplicate records only)
S16	4	S1(S)S3
S17	4	S16 NOT S15
S18	0	S1(S)S4
S19	0	S1(S)S5
S20	3	S1(S)S6
S21	2	S20 NOT S15
S22	1	S1(S)S7
S23	3	S8 AND S11
S24	3	S23 NOT (S15 OR S17 OR S21 OR S22)

15/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01736378

EMBOLIZATION DEVICE FOR VESSEL CAVITY IN VIVO
EMBOLISATIONSVORRICHTUNG FUR EINE GEFASSSHOHLE IN VIVO
DISPOSITIF D'EMBOLISATION POUR CAVITE VASCULAIRE IN VIVO

PATENT ASSIGNEE:

Kaneka Corporation, (1903034), 2-4, Nakanoshima 3-chome, Kita-ku,
Osaka-shi, Osaka 530-0005, (JP), (Applicant designated States: all)

INVENTOR:

IWATA, Hiroo, 1-5-8-203, Wakayamadai, Shimamoto-cho, Mishima-gun, Osaka
618-0024, (JP)

NISHIDE, Takuji, 6-25-17-309, Shimosakamoto, Otsu-shi, Shiga 520-0105,
(JP)

LEGAL REPRESENTATIVE:

Gille Hrabal Struck Neidlein Prop Roos (100973), Patentanwalte,
Brucknerstrasse 20, 40593 Dusseldorf, (DE)

PATENT (CC, No, Kind, Date): EP 1537884 A1 050608 (Basic)
WO 2004024207 040325

APPLICATION (CC, No, Date): EP 2003795321 030909; WO 2003JP11470 030909

PRIORITY (CC, No, Date): JP 2002267646 020913

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: A61L-031/00; A61B-017/00

ABSTRACT WORD COUNT: 114

NOTE:

Figure number on first page: FIG3

LANGUAGE (Publication,Procedural,Application): English; English; Japanese
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200523	342
SPEC A	(English)	200523	5094
Total word count - document A			5436
Total word count - document B			0
Total word count - documents A + B			5436

...SPECIFICATION percutaneous treatment as described above. In order to
achieve visibility by X-ray fluoroscopy, the **embolization coil** is
generally composed of **platinum** or a **platinum alloy**.

However, **coil embolization** is not applicable to the treatment of
all ruptured cerebral aneurysms because of its specific...

15/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01516300

Embolic coil

Emboliespiralfeder

Spirale embolique

PATENT ASSIGNEE:

Cordis Neurovascular, Inc., (3233900), 14000 N.W. 57th Court, Miami
Lakes, Florida 33014, (US), (Applicant designated States: all)

INVENTOR:

Jones, Donald K, 4945 N.W. 82nd Terrace, Lauderhill, FL 33351, (US)
Mitelberg, Vladimir, 3350 N.E. 192 Street, No. 2-J, Aventura, FL 33180,
(US)

LEGAL REPRESENTATIVE:

Belcher, Simon James (58311), Urquhart-Dykes & Lord Tower House Merriion
Way, Leeds LS2 8PA, (GB)

PATENT (CC, No, Kind, Date): EP 1266631 A1 021218 (Basic)

APPLICATION (CC, No, Date): EP 2002254120 020613;

PRIORITY (CC, No, Date): US 880506 010613

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A61B-017/12

ABSTRACT WORD COUNT: 72

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200251	235
SPEC A	(English)	200251	1249
Total word count - document A			1484
Total word count - document B			0
Total word count - documents A + B			1484

...SPECIFICATION the surfaces of the embolic coils can be textured by abrasion or sandblasting. Preferably, the **embolic coil** comprises a **platinum - tungsten alloy** wire. Preferably, the **embolic coil** has a substantially uniform roughness comprising pockets having diameters of between about 0.125 (mu...

...mu)m (microns) to 20 (mu)m (microns).

In another aspect, the invention provides an **embolic coil** formed of a **platinum alloy** wire and having a textured surface which, when said embolic coil is implanted in a...

...1 shows an embolic coil constructed in accordance with the principles of the present invention. **Embolic coil** 10 is formed by winding a **platinum - tungsten alloy** wire into a helical configuration. In the illustrative embodiment, the diameter of the wire is...

...CLAIMS to promote clotting.

2. An embolic coil as defined in claim 1, in which said **embolic coil** comprises a **platinum - tungsten alloy** wire.

3. An **embolic coil** as defined in claim 1, in which said embolic coil includes a proximal portion and...

...between about 0.25 (mu)m (microns) and about 20 (mu)m (microns).

6. An **embolic coil** formed of a **platinum alloy** wire and having a textured surface which, when said embolic coil is implanted in a...

15/3,K/3 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

01070827

Detachable embolic coil assembly
Anordnung einer losbaren Emboliespiralfeder
Ensemble spirale embolique detachable

PATENT ASSIGNEE:

Cordis Corporation, (280674), 14201 N.W. 60th Avenue, Miami Lakes Florida
33014, (US), (Applicant designated States: all)

INVENTOR:

Lulo, Robert, 8861 N.W. 15th Court, Pembroke Pines, Florida 33024, (US)

LEGAL REPRESENTATIVE:

Mercer, Christopher Paul (46611), Carpmiels & Ransford 43, Bloomsbury
Square, London WC1A 2RA, (GB)

PATENT (CC, No, Kind, Date): EP 941704 A1 990915 (Basic)

APPLICATION (CC, No, Date): EP 99301779 990309;

PRIORITY (CC, No, Date): US 77455 P 980310

DESIGNATED STATES: BE; CH; DE; FR; GB; IE; IT; LI; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A61B-017/12

ABSTRACT WORD COUNT: 59

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9937	1046
SPEC A	(English)	9937	3581
Total word count - document A			4627
Total word count - document B			0
Total word count - documents A + B			4627

...SPECIFICATION coil positioned at the desired site.

As illustrated in Figure 6, the vaso-occlusion or **embolic coil** 106
is formed by winding a **platinum alloy** wire into a tightly wound
helical configuration. The diameter of the wire is generally in...

15/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

01070824

Detachable embolic coil assembly
Anordnung einer losbaren Emboliespiralfeder
Ensemble spirale embolique detachable

PATENT ASSIGNEE:

Cordis Corporation, (280674), 14201 N.W. 60th Avenue, Miami Lakes Florida
33014, (US), (Applicant designated States: all)

INVENTOR:

Diaz, Roberto, 6223 S.W. 147 Court, Miami, Florida 33193, (US)

Jones, Donald K., 4945 N.W. 82nd Terrace, Lauderhill, Florida 33351, (US)

Naglireiter, Brett E., 420 South Park Road, Apt. 207, Hollywood, Florida
33021, (US)

LEGAL REPRESENTATIVE:

Mercer, Christopher Paul (46611), Carpmiels & Ransford 43, Bloomsbury
Square, London WC1A 2RA, (GB)

PATENT (CC, No, Kind, Date): EP 941702 A1 990915 (Basic)

APPLICATION (CC, No, Date): EP 99301775 990309;

PRIORITY (CC, No, Date): US 77387 P 980310

DESIGNATED STATES: DE; FR; GB; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: A61B-017/12
ABSTRACT WORD COUNT: 87
NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9937	793
SPEC A	(English)	9937	3790
Total word count - document A			4583
Total word count - document B			0
Total word count - documents A + B			4583

...SPECIFICATION at the desired site.

As illustrated in Figure 5 and 6, the vaso-occlusion or **embolic coil** 106 is formed by winding a **platinum alloy** wire into a tightly wound helical configuration. The diameter of the wire is generally in...

15/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01070823

Stretch resistant embolic coil with variable stiffness

Ausdehnungswiderstandsfahige Emboliespiralfeder mit wechselnder Steifheit

Spirale embolique a raideur variable et resistente a l'allongement

PATENT ASSIGNEE:

Cordis Corporation, (280674), 14201 N.W. 60th Avenue, Miami Lakes Florida 33014, (US), (Proprietor designated states: all)

INVENTOR:

Diaz, Roberto, 6223 S.W. 147 Court, Miami 33193, (US)

Jones, Donald K., 4945 N.W. 82nd Terrace, Lauderhill, Florida 33351, (US)

Naglireiter, Brett E., 420 South Park Road, Apt. 207, Hollywood, Florida 33021, (US)

LEGAL REPRESENTATIVE:

Mercer, Christopher Paul (46611), Carpmiels & Ransford 43, Bloomsbury Square, London WC1A 2RA, (GB)

PATENT (CC, No, Kind, Date): EP 941701 A1 990915 (Basic)
EP 941701 B1 041201

APPLICATION (CC, No, Date): EP 99301774 990309;

PRIORITY (CC, No, Date): US 77466 P 980310

DESIGNATED STATES: BE; CH; DE; FR; GB; IE; IT; LI; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A61B-017/12

ABSTRACT WORD COUNT: 41

NOTE:

Figure number on first page: 7

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199937	644
CLAIMS B	(English)	200449	364
CLAIMS B	(German)	200449	326
CLAIMS B	(French)	200449	382
SPEC A	(English)	199937	3346

SPEC B (English) 200449 3298
Total word count - document A 3991
Total word count - document B 4370
Total word count - documents A + B 8361

...SPECIFICATION pattern of spot welding of turns of the coil. In these embodiments, the vasoocclusion or **embolic coil** 106 is formed by winding a **platinum alloy** wire into a tightly wound helical configuration. The diameter of the wire is generally in...

...SPECIFICATION of spot welding of turns of the coil. In these embodiments, the vaso-occlusion or **embolic coil** 106 is formed by winding a **platinum alloy** wire into a tightly wound helical configuration. The diameter of the wire is generally in...

15/3,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01170501 **Image available**

FLEXIBLE EMBOLIC DEVICE DELIVERY SYSTEM
SYSTEME D'ADMINISTRATION A DISPOSITIF EMBOLIQUE SOUPLE

Patent Applicant/Assignee:

SCIMED LIFE SYSTEMS INC, One SciMed Place, Maple Grove, MN 55311-1566, US
, US (Residence), US (Nationality), (For all designated states except:
US)

Patent Applicant/Inventor:

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WALLACE Michael P, 43389 Jerome Avenue, Fremont, CA 94539, US, US
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PIZARRO Maria, 1870 Slate Drive, Union City, CA 94587, US, US (Residence)
, US (Nationality), (Designated only for: US)

Legal Representative:

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Suite 1800, San Francisco, California 94111-4067, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200491713 A2-A3 20041028 (WO 0491713)
Application: WO 2004US9364 20040325 (PCT/WO US04009364)
Priority Application: US 2003407295 20030403

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4871

Fulltext Availability:
Detailed Description

Detailed Description

... threaded through the catheter and beyond until the device is situated in the aneurysm. The **embolic** devices include wire **coils** typically made of a **platinum / tungsten alloy**, that when stretched assume a linear helical configuration and when relaxed assume a convoluted configuration...

15/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00307328 **Image available**

HELICAL EMBOLIZATION COIL
SPIRALE HELICOIDALE D'EMBOISATION

Patent Applicant/Assignee:

COOK INCORPORATED,

Inventor(s):

TEKULVE Kurt J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9525480 A1 19950928

Application: WO 95US3380 19950316 (PCT/WO US9503380)

Priority Application: US 94210798 19940318

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA JP KP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 4268

English Abstract

...helically shaped embolization coil (10) for occluding a blood vessel, aneurysm, and the like. The **embolization coil** includes a continuous **platinum - tungsten alloy** wire strand (11) wound into a longitudinally extending coil (12) having a plurality of tightly...

15/3,K/8 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00258339

DETACHABLE EMBOLIC COIL ASSEMBLY
ENSEMBLE SPIRALE EMBOLIQUE DETACHABLE

Patent Applicant/Assignee:

TARGET THERAPEUTICS INC,

Inventor(s):

PALERMO Thomas J,

PHAM Phong,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9406502 A2 19940331

Application: WO 93US8346 19930903 (PCT/WO US9308346)

Priority Application: US 92949095 19920922; US 92975376 19921113

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA CZ FI HU JP KR NO NZ SK AT BE CH DE DK ES FR GB GR IE IT LU MC NL
PT SE

Publication Language: English

Fulltext Word Count: 4890

Fulltext Availability:

Claims

Claim

... 3 The detachable embolic coil of claim 1
where the coil material is selected from **platinum** , gold,
tungsten , or **alloys** of these.

4 The detachable **embolic coil** of claim 1
where the coil material is a polymer.

5 The detachable embolic coil...

?

17/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01241576

INTRAVASCULAR DEVICES AND FIBROSIS-INDUCING AGENTS
DISPOSITIFS INTRAVASCULAIRES ET AGENTS INDUCTEURS DE FIBROSE

Patent Applicant/Assignee:

ANGIOTECH INTERNATIONAL AG, Bundesplatz 1, CH-6304 Zug, CH, CH
(Residence), CH (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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1B6, CA, CA (Residence), CA (Nationality), (Designated only for: US)
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5N8, CA, CA (Residence), US (Nationality), (Designated only for: US)
MAITI Arpita, #211 - 2920 Ash Street, Vancouver, British Columbia V5Z 4A6
, CA, CA (Residence), CA (Nationality), (Designated only for: US)
SIGNORE Pierre E, #207 - 2155 West 7th Avenue, Vancouver, British
Columbia V6K 1X9, CA, CA (Residence), CA (Nationality), (Designated
only for: US)
LIGGINS Richard T, 407 Lakeview Street, Coquitlam, British Columbia V3K
5K7, CA, CA (Residence), CA (Nationality), (Designated only for: US)
GUAN Dechi, 8363 Shaughnessy Street, Vancouver, British Columbia V6P 3Y1,
CA, CA (Residence), CA (Nationality), (Designated only for: US)

Legal Representative:

LIN Qing (et al) (agent), Seed Intellectual Property Law Group PLLC,
Suite 6300, 701 Fifth Avenue, Seattle, Washington 98104-7092, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200546747 A2 20050526 (WO 0546747)
Application: WO 2004US38247 20041110 (PCT/WO US04038247)
Priority Application: US 2003518785 20031110; US 2003523908 20031120; US
2003524023 20031120; US 2004578471 20040609; US 2004582833 20040624; US
2004586861 20040709

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LU MC NL PL PT
RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 169574

Fulltext Availability:

Detailed Description

Detailed Description

... compositions,
methods and intravascular devices (e.g., covered stents, stents, stent
grafts, covered stents, aneurysm coils, embolic agents or other
intravascular devices), which greatly increase the ability to scar in

...rate of the drug from the device (e.g., stent graft, stent, balloon, catheter, aneurysm **coil**) and/or **embolic** agent such that a minimum concentration of 0.01 ng to a maximum of 2500...

...M2 of surface area coated. In another embodiment, silk should be applied to a device **surface** at an amount of 1 0.0 @tg/MM2
1 00 [tg/MM2 of surface...

17/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01241493

MEDICAL IMPLANTS AND FIBROSIS-INDUCING AGENTS

IMPLANTS MEDICAUX ET AGENTS INDUCTEURS DE FIBROSE

Patent Applicant/Assignee:

ANGIOTECH INTERNATIONAL AG, Bundesplatz 1, CH-6304 Zug, CH, CH
(Residence), CH (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

HUNTER William L, 1618 Station Street, Vancouver, British Columbia V6A 1B6, CA, CA (Residence), CA (Nationality), (Designated only for: US)
GRAVETT David M, 616 West 21st Avenue, Vancouver, British Columbia V5Z 1Y8, CA, CA (Residence), CA (Nationality), (Designated only for: US)
TOLEIKIS Philip M, 8011 Laburnum Street, Vancouver, British Columbia V6P 5N8, CA, CA (Residence), US (Nationality), (Designated only for: US)
MAITI Arpita, #211 - 2920 Ash Street, Vancouver, British Columbia V5Z 4A6, CA, CA (Residence), CA (Nationality), (Designated only for: US)
SIGNORE Pierre E, #207 - 2155 West 7th Avenue, Vancouver, British Columbia V6K 1X9, CA, CA (Residence), CA (Nationality), (Designated only for: US)
LIGGINS Richard T, 407 Lakeview Street, Coquitlam, British Columbia V3K 5K7, CA, CA (Residence), CA (Nationality), (Designated only for: US)

Legal Representative:

LIN Qing (et al) (agent), Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200546746 A2 20050526 (WO 0546746)
Application: WO 2004US37335 20041110 (PCT/WO US04037335)
Priority Application: US 2003518785 20031110; US 2003523908 20031120; US 2003524023 20031120; US 2004578471 20040609; US 2004586861 20040709

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LU MC NL PL PT
RO SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 614138

Fulltext Availability:

Detailed Description

Detailed Description

... carrier, the total dose of CTGF delivered from a knee prosthesis, or coated onto the **surface** of a knee prosthesis, should not exceed 1 00 mg (range of 0.01 @Lg...

17/3,K/3 (Item 3 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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01238675 **Image available**

INTRAVASCULAR DEVICES AND FIBROSIS-INDUCING AGENTS

DISPOSITIFS INTRAVASCULAIRES ET AGENTS D'INDUCTION DE FIBROSE

Patent Applicant/Assignee:

ANGIOTECH INTERNATIONAL AG, Bundesplatz 1, CH-6304 Zug, CH, CH

(Residence), CH (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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1B6, CA, CA (Residence), CA (Nationality), (Designated only for: US)

GRAVETT David M, 616 West 21st Avenue, Vancouver, British Columbia V5Z

1Y8, CA, CA (Residence), CA (Nationality), (Designated only for: US)

TOLEIKIS Philip M, 8011 Laburnum Street, Vancouver, British Columbia V6P

5N8, CA, CA (Residence), US (Nationality), (Designated only for: US)

MAITI Arpita, #211 - 2920 Ash Street, Vancouver, British Columbia V5Z 4A6

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SIGNORE Pierre E, #207 - 2155 West 7th Avenue, Vancouver, British

Columbia V6K 1X9, CA, CA (Residence), CA (Nationality), (Designated

only for: US)

LIGGINS Richard T, 407 Lakeview Street, Coquitlam, British Columbia V3K

5K7, CA, CA (Residence), CA (Nationality), (Designated only for: US)

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CA, CA (Residence), CA (Nationality), (Designated only for: US)

Legal Representative:

LIN Qing (et al) (agent), Seed Intellectual Property Law Group PLLC,

Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200544142 A2 20050519 (WO 0544142)

Application: WO 2004US38246 20041110 (PCT/WO US04038246)

Priority Application: US 2003518785 20031110; US 2003523908 20031120; US 2003524023 20031120; US 2004578471 20040609; US 2004582833 20040624; US 2004586861 20040709

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LU MC NL PL PT
RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 121421

Fulltext Availability:

...talc
 117
 delivered from an intravascular device (e.g., stent graft, stent, balloon, catheter, aneurysm **coil**) and/or **embolic** agent, should not exceed 2500 mg (range of 1 pg to 2500 mg)). In one...

...rate of the drug from the device (e.g., stent graft, stent, balloon, catheter, aneurysm **coil**) and/or **embolic** agent such that a minimum concentration of 0.01 ng to a maximum of 2500...

...of silk delivered from an intravascular device (e.g., stent graft, stent, balloon, catheter, aneurysm **coil**) and/or **embolic** agent, should not exceed 100 mg (range of 1 pg to 100 mg). In one...

...MM2 of surface area
 coated. In another embodiment, silk should be applied to a device **surface** at a dose of 1 00 Pg/MM2 -500 @Ig/MM2 of surface area coated...

...rate of the drug from the device (e.g., stent graft, stent, balloon, catheter, aneurysm **coil**) and/or **embolic** agent such that a minimum concentration of 0.01 nM to 1 000 pM of...

17/3,K/4 (Item 4 from file: 349)
 DIALOG(R)File 349:PCT FULLTEXT
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00876316 **Image available**

BIOACTIVE COATING COMPOSITIONS AND METHODS
COMPOSITIONS ET PROCEDES DE REVETEMENT BIOACTIF

Patent Applicant/Assignee:

BIOSURFACE ENGINEERING TECHNOLOGIES INC, 1244 Reamwood Avenue, Sunnyvale, CA 94089, US, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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 OSAKI Shigesasa, 2221 E. Koosters Circle, Sandy, UT 83093, US, US (Residence), US (Nationality), (Designated only for: US)
 TSANG Ray, 1928 Sir Timothy Avenue, Salt Lake City, UT 84116, US, US (Residence), CN (Nationality), (Designated only for: US)

Legal Representative:

SLUSHER Stephen A (agent), Peacock, Myers & Adams, P.C., P.O. Box 26927, Albuquerque, NM 87125-6927, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200210221 A1 20020207 (WO 0210221)
 Application: WO 2001US24000 20010731 (PCT/WO US0124000)
 Priority Application: US 2000629059 20000731

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
 LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
 TM TR TT TZ UA UG US UZ VN YU ZA ZW
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
 (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English
Filing Language: English
Fulltext Word Count: 16548

Fulltext Availability:
Detailed Description

Detailed Description

... employed include sutures, graft materials, wound dressings, wound coverings, nerve growth guides, bone waxes, aneurysm **coils** , **embolization** particles, microbeads, stents, dental implants, orthopedic implants, optholmic implants and bone prosthesis. A single silyl...

...either an adhesive molecule or therapeutic molecule, or both. Similarly, in a single medical device **more** than **one** contacting **surface** may be employed, such that one contacting surface contains one or more silyl-heparin-growth...

?

21/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01578703

Reloadable sheath for catheter system for deploying vasoocclusive devices
Wiederladbare Hulle fur Kathetersystem zum Einbringen von
Gefassokklusionsvorrichtungen
Gaine rechargeable pour un systeme de catheter pour le deploiement de
dispositifs d'occlusion vasculaire

PATENT ASSIGNEE:

Micrus Corporation, (2656230), 495 Clyde Avenue, Mountain View,
California 94043, (US), (Applicant designated States: all)

INVENTOR:

Leopold, Eric, 1330 Katherine Avenue, Redwood City, California 94062,
(US)

McEvers, Bruce, 3386 Mira Vista, San Jose, California 95132, (US)

LEGAL REPRESENTATIVE:

McLeish, Nicholas Alistair Maxwell et al (74621), Boulton Wade Tennant
Verulam Gardens 70 Gray's Inn Road, London WC1X 8BT, (GB)

PATENT (CC, No, Kind, Date): EP 1310269 A1 030514 (Basic)

APPLICATION (CC, No, Date): EP 2002257765 021108;

PRIORITY (CC, No, Date): US 990759 011109

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A61M-025/06

ABSTRACT WORD COUNT: 150

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200320	747
SPEC A	(English)	200320	2028
Total word count - document A			2775
Total word count - document B			0
Total word count - documents A + B			2775

...SPECIFICATION a vasoocclusive device which includes an assembly of the flexible pusher member 14 and an **embolic coil** 16 that is adapted to be inserted into a portion of a **vasculature** for **occluding** a portion of the vasculature for use in interventional therapy and vascular surgery. The sheath...is loaded into a microcatheter (not shown). If the flexible pusher member is removed without **embolic coil** detachment, the sheath can be loaded back onto the flexible pusher member starting at the...

...an end of the flexible pusher member. The sheath can then be advanced over the **embolic coil** to allow the **embolic coil** to be advanced into the microcatheter at a later time.

In each of the foregoing...

...CLAIMS vasoocclusive device, the vasoocclusive device including an assembly of a flexible pusher member and an **embolic coil** that is adapted to be inserted into a portion of a **vasculature** for

occluding a portion of the vasculature for use in interventional therapy and vascular surgery, the sheath...

...vasoocclusive device, the vasoocclusive device including an assembly of a flexible pusher member and an **embolic coil** that is adapted to be inserted into a portion of a **vasculature** for **occluding** a portion of the vasculature for use in interventional therapy and vascular surgery, the sheath...

21/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01406241

Device for intravascular embolization
Vorrichtung zur intravaskularen Embolisierung
Dispositif pour embolisation intravasculaire
PATENT ASSIGNEE:

Cordis Neurovascular, Inc., (3233900), 14000 N.W. 57th Court, Miami Lakes, Florida 33014, (US), (Applicant designated States: all)

INVENTOR:

Jones, Donald K., 4945 N.W. 82 Terrace, Lauderhill, Florida 33351, (US)
Mitelberg, Vladimir, 3350 N.E. 192 Street, Apartment No. 2-J, Aventura, Florida 33180, (US)

LEGAL REPRESENTATIVE:

Mercer, Christopher Paul et al (46611), Carpmiels & Ransford 43, Bloomsbury Square, London WC1A 2RA, (GB)

PATENT (CC, No, Kind, Date): EP 1188414 A1 020320 (Basic)

APPLICATION (CC, No, Date): EP 2001307899 010917;

PRIORITY (CC, No, Date): US 663768 000918

DESIGNATED STATES: BE; DE; GB; NL

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A61B-017/12

ABSTRACT WORD COUNT: 64

NOTE:

Figure number on first page: 2A

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200212	366
SPEC A	(English)	200212	3754
Total word count - document A			4120
Total word count - document B			0
Total word count - documents A + B			4120

...SPECIFICATION axial and cross sectional views of embolization device 18.

The embolization device 18 comprises an **embolization coil** 20 surrounded by a foam sleeve 22. The **embolization coil** 20 is of the type commonly used to reduce or embolize a particular blood vessel. Depending on the flexibility needed and catheter system utilized the **embolization coil** 20 ranges in diameter from about 0.002 inches to 0.150 inches with a...

...range of about 0.006 inches to 0.052 inches. Materials used to make the **embolization coil** 20 include polymers, metals or composites in filament form. A wide variety of polymers are suitable for the

embolization coil such as nylons, polyesters, collagen, polyvinylalcohol or hydrogels of polyvinylalcohol or polyvinylpyrrolidone. Metals are often used to form **embolization coils** that are biocompatible and provide the desired flexibility like platinum, gold and nickel-titanium alloys...

...is a foam material that is secured using thermal, adhesive or mechanical means to the **embolization coil** 20. As shown in FIG. 2B, embolization device 18 is illustrated in cross section. The...

...the foams of the preferred embodiment are largely dependent on the catheter used and the **vasculature** to be **occluded**, but generally is in the range of about 0.01 mm to 20 mm preferably...

?

22/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01516300

Embolic coil

Emboliespiralfeder

Spirale embolique

PATENT ASSIGNEE:

Cordis Neurovascular, Inc., (3233900), 14000 N.W. 57th Court, Miami
Lakes, Florida 33014, (US), (Applicant designated States: all)

INVENTOR:

Jones, Donald K, 4945 N.W. 82nd Terrace, Lauderhill, FL 33351, (US)
Mitelberg, Vladimir, 3350 N.E. 192 Street, No. 2-J, Aventura, FL 33180,
(US)

LEGAL REPRESENTATIVE:

Belcher, Simon James (58311), Urquhart-Dykes & Lord Tower House Merrion
Way, Leeds LS2 8PA, (GB)

PATENT (CC, No, Kind, Date): EP 1266631 A1 021218 (Basic)

APPLICATION (CC, No, Date): EP 2002254120 020613;

PRIORITY (CC, No, Date): US 880506 010613

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A61B-017/12

ABSTRACT WORD COUNT: 72

NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200251	235
SPEC A	(English)	200251	1249
Total word count - document A			1484
Total word count - document B			0
Total word count - documents A + B			1484

...SPECIFICATION A1

The present invention concerns an **embolic coil** . The **coil** of the invention can be used to **occlude** the **vasculature** of a **patient** .

A known technique for treating a brain aneurysm of a patient includes the placement of...

...that the formed thrombus may be resorbed.

The coil of the invention is useful for **occluding** the **vasculature** of a **patient** . In addition to **embolising** an aneurysm, the **coil** can also be used for embolising a vessel for vessel sacrifice; for reducing or blocking...

?

24/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01516205

Delivery system using balloon catheter

Anbringungssystem unter Verwendung eines Ballonkatheters

Systeme d'introduction utilisant un catheter a ballonnet

PATENT ASSIGNEE:

Cordis Neurovascular, Inc., (3233900), 14000 N.W. 57th Court, Miami
Lakes, Florida 33014, (US), (Applicant designated States: all)

INVENTOR:

Dominguez, Larry, 6121 S.W. 15 Street, West Miami, Florida 33144, (US)

LEGAL REPRESENTATIVE:

Belcher, Simon James (58311), Urquhart-Dykes & Lord Tower House Merriion
Way, Leeds LS2 8PA, (GB)

PATENT (CC, No, Kind, Date): EP 1266629 A1 021218 (Basic)

APPLICATION (CC, No, Date): EP 2002253790 020530;

PRIORITY (CC, No, Date): US 878530 010611

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: A61B-017/12; **A61M-025/00** ; **A61M-025/10**

ABSTRACT WORD COUNT: 177

NOTE:

Figure number on first page: 8,10

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200251	717
SPEC A	(English)	200251	2065
Total word count - document A			2782
Total word count - document B			0
Total word count - documents A + B			2782

...INTERNATIONAL PATENT CLASS: **A61M-025/00** ...

... **A61M-025/10**

...SPECIFICATION use of embolic coils placed within an aneurysm for
treating the aneurysm is well known. **Various** devices are known for
delivering the **embolic coils** through the patient's vessel to the
aneurysm. Typically these embolic coils, which generally take...aids in
the insertion of the catheter into the delivery port 20 of catheter 10.

Embolic coil 46 may take **various** forms and configurations. Its
proximal end is within distal end 48 of catheter 44, which...

24/3,K/2 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00921272 **Image available**

EMBOLIC COIL INTRODUCER SYSTEM

SYSTEME D'INTRODUCTION DE SPIRE METALLIQUE POUR EMBOLISATION

Patent Applicant/Assignee:

CORDIS NEUROVASCULAR INC, 1400 N.W. 57th Court, Miami Lakes, FL 33014, US

, US (Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

DIAZ Roberto, 6223 S.W. 147 Court, Miami, FL 33193, US, US (Residence), US (Nationality), (Designated only for: US)

ELSAKKA Mamdouh, 1941 N.W. 86 Avenue, Pembroke Pines, FL 33024, US, US (Residence), US (Nationality), (Designated only for: US)

SHKOLNIK Boris, 2750 N.E. 183 Street, Apartment 2505, Aventura, FL 33160, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

COLLINS Henry W (agent), 14201 N.W. 60th Avenue, Miami Lakes, FL 33014, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200254943 A2-A3 20020718 (WO 0254943)

Application: WO 2002US897 20020110 (PCT/WO US0200897)

Priority Application: US 2001260742 20010110

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

US

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 8632

Main International Patent Class: **A61M-029/00**

Fulltext Availability:

Detailed Description

Detailed Description

... the deployment catheter 42 and disposed within the sheath 12 of the introducer 10. The **embolic coil** 50 may take **various** forms and configurations and may even take the form of a randomly wound coil, however...

...the art without departing from the scope of the present invention. For example, there are **many** variations and modifications of the **embolic coil**, including numerous **coil** winding configurations, or

17

alternatively, other types of vascular occlusive devices may be utilized, such...

24/3,K/3 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00524046 **Image available**

**APPARATUS FOR EMBOLIC TREATMENT USING HIGH FREQUENCY INDUCTION HEATING
DISPOSITIF POUR LE TRAITEMENT DES EMBOLIES PAR UTILISATION D'UN CHAUFFAGE A
INDUCTION HF**

Patent Applicant/Assignee:

BOKWANG CO LTD,

LEE Kyu Ho,

LEE Jae Kun,

Inventor(s):

LEE Kyu Ho,

LEE Jae Kun,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9955398 A2 19991104

Application: WO 99KR199 19990427 (PCT/WO KR9900199)

Priority Application: KR 9814935 19980427

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

JP US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 1835

Main International Patent Class: **A61M**

Fulltext Availability:

Detailed Description

Detailed Description

... embolic apparatus according to the present invention.

Figs. 3A to 3G are schematic illustrations depicting **various** embodiments of high frequency **coils** used for the **embolic** apparatus according to the present invention.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

The present invention will...

?

? show files; ds; save temp; logoff hold
 File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)
 (c) 2005 JPO & JAPIO
 File 350:Derwent WPIX 1963-2005/UD,UM &UP=200541
 (c) 2005 Thomson Derwent
 File 371:French Patents 1961-2002/BOPI 200209
 (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	109	EMBOLI?(3N)COIL?
S2	1	S1(7N)(PLATINUM(3N)ALLOY? OR PLATINUM(3N)TUNGSTEN)
S3	142594	(TWO OR DOUBLE OR SECONDARY OR SECOND OR DUAL OR MORE(2W)O-NE)(3N) SURFACE?
S4	1430	S3(7N)(SMOOTH? OR FINE? OR UNWRINKLED)
S5	133	S3(7N)TEXTURE?
S6	17	OCCLUD?(3N)VASCULATURE?
S7	6	S6(7N)PATIENT?
S8	3	S1(7N)(MULTI OR MULTIPLE OR MANY OR SEVERAL OR PLURAL??? OR VARIOUS)
S9	0	S8(7N)TEXTURE()SURFACE?
S10	1606	AU=(JONES, D? OR JONES D? OR MITELBERG, V? OR MITELBERG V?)
S11	109442	IC=A61M?
S12	41	S10 AND S11
S13	10	S12 AND S1
S14	3	IDPAT S8 (sorted in duplicate/non-duplicate order)
S15	3	IDPAT S8 (primary/non-duplicate records only)
S16	3	S15 NOT S13
S17	6	IDPAT S7 (sorted in duplicate/non-duplicate order)
S18	5	IDPAT S7 (primary/non-duplicate records only)
S19	4	S18 NOT (S16 OR S13)
S20	3	S1 AND S6
S21	1	S20 NOT (S19 OR S16 OR S13)
S22	0	S1 AND S5
S23	0	S1 AND S4
S24	2	S1 AND S3
S25	2	S24 NOT (S21 OR S19 OR S16 OR S13)
S26	65	S1 AND S11
S27	4	S26 AND ALLOY
S28	2	S27 NOT (S25 OR S21 OR S19 OR S16 OR S13)

13/3,K/1 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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06549490 **Image available**

EMBOLIC COIL SEPARATION SYSTEM

PUB. NO.: 2000-135219 [JP 2000135219 A]

PUBLISHED: May 16, 2000 (20000516)

INVENTOR(s): DAVID C BALLY

JONES DONALD K

APPLICANT(s): CORDIS CORP

APPL. NO.: 11-283412 [JP 99283412]

FILED: October 04, 1999 (19991004)

PRIORITY: 103090 [US 98103090], US (United States of America), October 05, 1998 (19981005)
103224 [US 98103224], US (United States of America), October 05, 1998 (19981005)
399714 [US 99399714], US (United States of America), September 21, 1999 (19990921)

EMBOLIC COIL SEPARATION SYSTEM

INVENTOR(s): DAVID C BALLY

JONES DONALD K

INTL CLASS: A61B-017/12; A61F-002/06; **A61M-029/00**

ABSTRACT

PROBLEM TO BE SOLVED: To provide a separation system to separate an **embolic coil** from a catheter for precisely deploying the coil at a desired site in a blood vessel.

SOLUTION: This separation system is for separating an **embolic coil** 20 for deploying the coil 20 at a preselected location within a blood vessel of...

13/3,K/2 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2005 JPO & JAPIO. All rts. reserv.

06521472 **Image available**

DEPLOYMENT SYSTEM FOR **EMBOLIC COIL**

PUB. NO.: 2000-107191 [JP 2000107191 A]

PUBLISHED: April 18, 2000 (20000418)

INVENTOR(s): DAVID C BALLY

JONES DONALD K

VLADIMIR MITTELBERG

APPLICANT(s): CORDIS CORP

APPL. NO.: 11-283414 [JP 99283414]

FILED: October 04, 1999 (19991004)

PRIORITY: 103087 [US 98103087], US (United States of America), October 05, 1998 (19981005)
400680 [US 99400680], US (United States of America), September 21, 1999 (19990921)

DEPLOYMENT SYSTEM FOR **EMBOLIC COIL**

INVENTOR(s): DAVID C BALLY

JONES DONALD K

VLADIMIR MITTELBERG

INTL CLASS: A61B-017/12; A61F-002/06; **A61M-029/00**

ABSTRACT

PROBLEM TO BE SOLVED: To provide an deployment system for precisely deploying a **embolic coil** at a required location in a blood vessel.

SOLUTION: This system relates to an deployment system for a **embolic coil** for placing the **embolic coil** at a preselected position in the blood vessel of the human body. This deployment system...

...the end part of a distant position, a thermoresponsive connecting member 30 for holding the coil 20 during the **embolic coil** 20 is positioned and an active driving means for releasing the coil 20 at a...

13/3,K/3 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

016713308

WPI Acc No: 2005-037583/200504

XRAM Acc No: C05-012498

XRPX Acc No: N05-032877

Treatment of an aneurysm comprises introducing a medical device delivery system into a blood vessel; delivering a medical device comprising a bioabsorbable polymer; and advising to avoid the use of an anti-inflammatory agent

Patent Assignee: JONES D K (JONE-I)

Inventor: **JONES D K**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040236364	A1	20041125	US 2003443582	A	20030522	200504 B

Priority Applications (No Type Date): US 2003443582 A 20030522

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040236364	A1	10	A61M-029/00	

Inventor: **JONES D K**

Abstract (Basic):

Technology Focus:

... or an embolic device delivery system. The vaso-occlusive device takes the form of an **embolic coil** . The patient is instructed to avoid the use of the anti-inflammatory medication for a...

...salsalate and/or sodium salicylate. (2) is an embolic device taking the form of an **embolic coil** and induces the inflammatory response...

International Patent Class (Main): **A61M-029/00**

13/3,K/4 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015417742 **Image available**
WPI Acc No: 2003-479882/200345
Related WPI Acc No: 2005-151719
XRAM Acc No: C03-128330
XRPX Acc No: N03-381413

Treatment of aneurysm of patient involves introducing embolization element and stent into vessel leading to and communicating with aneurysm, and directing embolization element into aneurysm

Patent Assignee: CORDIS NEUROVASCULAR INC (CRDC); JONES D K (JONE-I); MITELBERG V (MITE-I)

Inventor: JONES D K ; MITELBERG V

Number of Countries: 032 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030055451	A1	20030320	US 2001957183	A	20010920	200345 B
EP 1295563	A1	20030326	EP 2002256399	A	20020916	200345
JP 2003175113	A	20030624	JP 2002273690	A	20020919	200351
US 6811560	B2	20041102	US 2001957183	A	20010920	200472

Priority Applications (No Type Date): US 2001957183 A 20010920

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20030055451	A1		6	A61F-002/06	
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EP 1295563	A1	E		A61B-017/12	
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Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB

GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

JP 2003175113	A		6	A61M-029/02	
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US 6811560	B2			A61M-029/00	
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Inventor: JONES D K ...

... MITELBERG V

Abstract (Basic):

Technology Focus:

... with the enlarged ends restricting the movement of the core wire relative to the radiopaque coil . The embolization element is radiopaque, and carries a chemotherapeutic agent or genetically engineered substances. When introduced into...

...International Patent Class (Main): A61M-029/00 ...

... A61M-029/02

13/3,K/5 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015271722 **Image available**
WPI Acc No: 2003-332651/200331
Related WPI Acc No: 2005-141767
XRPX Acc No: N03-266698

Treatment method for aneurysm of patient, involves introducing embolic coil into aneurysm through framework which maintains embolic coil within aneurysm

Patent Assignee: JONES D K (JONE-I); MITELBERG V (MITE-I); GORDIA

NEUROVASCULAR INC (GORD-N)

Inventor: JONES D K ; MITELBERG V

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030055440	A1	20030320	US 2001957323	A	20010920	200331 B
US 6802851	B2	20041012	US 2001957323	A	20010920	200467

Priority Applications (No Type Date): US 2001957323 A 20010920

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030055440	A1	7	A61F-002/06	
US 6802851	B2		A61M-029/00	

Treatment method for aneurysm of patient, involves introducing embolic coil into aneurysm through framework which maintains embolic coil within aneurysm

Inventor: JONES D K ...

... MITELBERG V

Abstract (Basic):

... The method involves introducing an **embolic coil** into the aneurysm through a framework (12) which maintains the **embolic coil** within the aneurysm (38). The framework is anchored by compressing the stent (14) against the...

...International Patent Class (Main): **A61M-029/00**

13/3,K/6 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015062103 **Image available**

WPI Acc No: 2003-122619/200312

XRPX Acc No: N03-097628

Embolic coil for occluding vasculature of patient, to treat brain aneurysms, has textured surface which provides improved platelet adhesion compared to non-textured surface

Patent Assignee: CORDIS NEUROVASCULAR INC (CRDC); JONES D K (JONE-I); MITELBERG V (MITE-I)

Inventor: JONES D K ; MITELBERG V

Number of Countries: 028 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1266631	A1	20021218	EP 2002254120	A	20020613	200312 B
US 20030004531	A1	20030102	US 2001880506	A	20010613	200312
JP 2003070794	A	20030311	JP 2002171751	A	20020612	200327

Priority Applications (No Type Date): US 2001880506 A 20010613

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1266631	A1 E	7	A61B-017/12	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

US 20030004531 A1 A61M-029/00

JP 2003070794 A 23 A61B-017/12

Embolic coil for occluding vasculature of patient, to treat brain

aneurysms, has textured surface which provides improved...
Inventor: JONES D K ...

... MITELBERG V

Abstract (Basic):

... An **embolic coil** used to occlude the vasculature of a patient, e.g. to treat brain aneurysms. It...

...Provides a technique for blocking blood flow with the addition of platelet adhesion to the **embolic coils**. This allows tissue to grow, and the thrombus that forms, instead of being resorbed, has...

...scar tissue achieves long term healing of the aneurysm in contrast to the use of **embolic coils** that can move around with the result that the formed thrombus may be resorbed...

...The drawing is a view of an **embolic coil**..

...International Patent Class (Main): **A61M-029/00**

13/3,K/7 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013683734 **Image available**
WPI Acc No: 2001-167947/200117
XRPX Acc No: N01-121095

Stretch resistant vaso-occlusive device has an elongated helically wound coil whose adjacent joints are welded, so that the weld joints form a straight line parallel to the longitudinal axis of the coil lumen

Patent Assignee: CORDIS CORP (CRDC)

Inventor: DIAZ R; **JONES D K** ; NAGLREITER B E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6179857	B1	20010130	US 99256162	A	19990222	200117 B

Priority Applications (No Type Date): US 99256162 A 19990222

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6179857	B1		7	A61M-029/00	

...Inventor: **JONES D K**

Abstract (Basic):

... As an **embolic coil** which is stretch resistant but may be modified to vary the stiffness, or flexibility of...

...in the radial expansion of the distal tip of the coil deployment system as the **embolic coil** is released, and a plan view of one coil with the spot welds in parallel...

International Patent Class (Main): **A61M-029/00**

13/3,K/8 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013087197 **Image available**
WPI Acc No: 2000-259069/200023
XRPX Acc No: N00-192738

**Heated vascular occlusion coil deployment system for embolic coils
comprises elongated positioning member with coil mechanism and heating
section**

Patent Assignee: CORDIS CORP (CRDC); BARRY D C (BARR-I); JONES D K
(JONE-I); MITELBERG V (MITE-I); CORDIS NEUROVASCULAR INC (CRDC)

Inventor: BARRY D C; **JONES D K ; MITELBERG V**

Number of Countries: 028 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 992220	A1	20000412	EP 99307800	A	19991004	200023 B
JP 2000107191	A	20000418	JP 99283414	A	19991004	200030
CA 2284449	A1	20000405	CA 2284449	A	19991004	200036
US 6277126	B1	20010821	US 98103087	P	19981005	200150
			US 99400680	A	19990921	
US 20010041898	A1	20011115	US 98103087	P	19981005	200172
			US 99400680	A	19990921	
			US 2001897819	A	20010629	
EP 992220	B1	20031210	EP 99307800	A	19991004	200405
DE 69913460	E	20040122	DE 99613460	A	19991004	200415
			EP 99307800	A	19991004	
US 20040106933	A1	20040603	US 98103087	P	19981005	200436
			US 99400680	A	19990921	
			US 2001897819	A	20010629	
			US 2003722335	A	20031125	
US 6743236	B2	20040601	US 98103087	P	19981005	200436
			US 99400680	A	19990921	
			US 2001897819	A	20010629	
US 20040172053	A1	20040902	US 98103087	P	19981005	200458
			US 99400680	A	19990921	
			US 2001897819	A	20010629	
			US 2004774833	A	20040209	

Priority Applications (No Type Date): US 99400680 A 19990921; US 98103087 P
19981005; US 2001897819 A 20010629; US 2003722335 A 20031125; US
2004774833 A 20040209

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 992220	A1	E	10	A61B-017/12	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					

JP 2000107191 A 7 A61B-017/12

CA 2284449 A1 E A61B-017/38

US 6277126 B1 A61F-002/01 Provisional application US 98103087

US 20010041898 A1 A61F-002/06 Provisional application US 98103087

Div ex application US 99400680

Div ex patent US 6277126

EP 992220 B1 E A61B-017/12

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
LU MC NL PT SE

DE 69913460 E A61B-017/12 Based on patent EP 992220

US 20040106933 A1 A61F-011/00 Provisional application US 98103087

Div ex application US 99400680

Div ex application US 2001897819

US 6743236 B2 A61M-029/00 Div ex patent US 6277126
 Provisional application US 98103087
 Div ex application US 99400680
 Div ex patent US 6277126
 US 20040172053 A1 A61M-029/00 Provisional application US 98103087
 Div ex application US 99400680
 Div ex application US 2001897819
 Div ex patent US 6277126
 Div ex patent US 6743236

**Heated vascular occlusion coil deployment system for embolic coils
 comprises elongated positioning member with coil mechanism and heating
 section**

...Inventor: JONES D K ...

... MITELBERG V

Abstract (Basic):

... is inserted into the blood vessel (40) to position where
 desirable to place in the **embolic coil** (20). The deployment system
 comprises elongated positioning member (22) with the coil mechanism
 (14) having...

... For placing an **embolic coil** at pre selected location within
 the vessel of a body...

...delivery with heating element and heat responsive coupling at the distal
 tip to hold the **embolic coil** to transport the coil to the desired
 position within the vessel and release the coil...

... **Embolic coil** (20

...International Patent Class (Additional): **A61M-025/01** ...

... **A61M-029/00**

13/3,K/9 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

013087196 **Image available**

WPI Acc No: 2000-259068/200023

XRPX Acc No: N00-192737

**Embolic coil deployment system with retaining jaws for placement at a
 pre-selected location comprises**

Patent Assignee: CORDIS CORP (CRDC); CORDIS NEUROVASCULAR INC (CRDC)

Inventor: BARRY D C; **JONES D K**

Number of Countries: 028 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 992219	A1	20000412	EP 99307799	A	19991004	200023 B
JP 2000135219	A	20000516	JP 99283412	A	19991004	200032
CA 2284458	A1	20000405	CA 2284458	A	19991004	200036
US 6277125	B1	20010821	US 98103090	P	19981005	200150
			US 98103224	P	19981005	
			US 99399714	A	19990921	
EP 992219	B1	20021218	EP 99307799	A	19991004	200301
DE 69904548	E	20030130	DE 604548	A	19991004	200317

EP 99307799 A 19991004

Priority Applications (No Type Date): US 99399714 A 19990921; US 98103090 P 19981005; US 98103224 P 19981005

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 992219 A1 E 10 A61B-017/12

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

JP 2000135219 A 6 A61B-017/12

CA 2284458 A1 E A61B-017/12

US 6277125 B1 A61M-025/01 Provisional application US 98103090

Provisional application US 98103224

EP 992219 B1 E A61B-017/12

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DE 69904548 E A61B-017/12 Based on patent EP 992219

Embolic coil deployment system with retaining jaws for placement at a pre-selected location comprises

...Inventor: JONES D K

Abstract (Basic):

... the blood vessel (40) and moved into position where it is desirable to place the **embolic coil** (20). The deployment system comprises elongated flexible catheter (12) to position the coil mechanism (14...

... For placing an **embolic coil** at a pre-selected location within a vessel of the human body...

...The deployment system holds the **embolic coil** transporting to the desired position within the vessel and releases the mechanism to cause the jaws to open and release the **embolic coil** at that position...

... **Embolic coil** (20

...International Patent Class (Main): **A61M-025/01**

...International Patent Class (Additional): **A61M-029/00**

13/3,K/10 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

012689676 **Image available**

WPI Acc No: 1999-495785/199942

XRPX Acc No: N99-369446

Medical device for placing embolic coil at preselected location within vessel

Patent Assignee: CORDIS CORP (CRDC)

Inventor: DIAZ R; JONES D K ; NAGLREITER B E

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 941702	A1	19990915	EP 99301775	A	19990309	199942 B
US 6063100	A	20000516	US 9877387	A	19980310	200031
			US 99256163	A	19990222	

Priority Applications (No Type Date): US 9877387 P 19980310; US 99256163 A

19990222

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 941702 A1 E 9 A61B-017/12

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

US 6063100 A A61M-029/00 Provisional application US 9877387

Medical device for placing embolic coil at preselected location within vessel

...Inventor: JONES D K

Abstract (Basic):

... The medical device comprises a positioning catheter having a distal tip for retaining the **embolic coil** which when pressurized with a fluid expands outwardly to release the coil at the preselected position. A number of turns at the proximal portion of the **embolic coil** are spot welded to adjacent turns to prevent the proximal portion of the coil from...

... For placing **embolic coil** at preselected location within vessel e.g. dilatation balloons, radiopaque fluids, liquid medications and various...

...sequence of radial expansion of the distal tip of the coil deployment system as the **embolic coil** is released...

...International Patent Class (Main): **A61M-029/00**

?

2/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013406893 **Image available**
WPI Acc No: 2000-578831/200054
Related WPI Acc No: 1995-344432
XRPX Acc No: N00-428332

Embolization coil that is conically helically shaped

Patent Assignee: COOK INC (COOK-N)
Inventor: TEKULVE K J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6117157	A	20000912	US 94210798	A	19940318	200054 B
			US 95507600	A	19950726	
			US 96609767	A	19960223	
			US 98139494	A	19980825	

Priority Applications (No Type Date): US 98139494 A 19980825; US 94210798 A 19940318; US 95507600 A 19950726; US 96609767 A 19960223

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6117157	A		12	A61B-017/00	Cont of application US 94210798 Cont of application US 95507600 CIP of application US 96609767 CIP of patent US 5797953

Abstract (Basic):

... helically shaped embolization coil (10) for occluding a blood vessel, aneurysm, and the like. The **embolization coil** includes a continuous **platinum - tungsten alloy** wire strand (11) wound into a longitudinally extending coil (12) having a plurality of tightly...
?

16/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

07576953 **Image available**
OCCLUDING VASCULATURE OF A PATIENT USING EMBOLIC COIL WITH IMPROVED
PLATELET ADHESION AND EMBOLIC COIL

PUB. NO.: 2003-070794 [JP 2003070794 A]
PUBLISHED: March 11, 2003 (20030311)
INVENTOR(s): JONES DONALD K
MITELBERG VLADIMIR
APPLICANT(s): CORDIS NEUROVASCULAR INC
APPL. NO.: 2002-171751 [JP 2002171751]
FILED: June 12, 2002 (20020612)
PRIORITY: 01 880506 [US 2001880506], US (United States of America),
June 13, 2001 (20010613)

ABSTRACT

...occlude the vasculature of a patient.

SOLUTION: This method includes a step to prepare a **plurality of embolic coils** 10 with textured surface. The embolic coil 10 is guided into the vasculature of a...

16/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015387793 **Image available**
WPI Acc No: 2003-448738/200342
XRPX Acc No: N03-358043

Retrieval system for use in removal or repositioning of embolic coil within blood vessel of human brain, has embolic coil retriever with toothed jaws attached to actuator wire slidably disposed within flexible sheath

Patent Assignee: CORDIS NEUROVASCULAR INC (CRDC); JONES D K (JONE-I);
MITELBERG V (MITE-I)

Inventor: JONES D K; MITELBERG V

Number of Countries: 032 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030093087	A1	20030515	US 2001335502	P	20011115	200342 B
			US 2002252615	A	20020923	
EP 1312314	A1	20030521	EP 2002257630	A	20021104	200353
JP 2003190174	A	20030708	JP 2002331104	A	20021114	200354

Priority Applications (No Type Date): US 2001335502 P 20011115; US
2002252615 A 20020923

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030093087	A1	14	A61F-011/00	Provisional application	US 2001335502

EP 1312314 A1 E A61B-017/30

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

JP 2003190174 A 13 A61B-017/12

Abstract (Basic):

... Adapts to **various** sizes of **embolic coils** , by varying sizes of pockets defined through teeth on each jaw. Enhances reflection of retriever...

16/3,K/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

013406893 **Image available**

WPI Acc No: 2000-578831/200054

Related WPI Acc No: 1995-344432

XRPX Acc No: N00-428332

Embolization coil that is conically helically shaped

Patent Assignee: COOK INC (COOK-N)

Inventor: TEKULVE K J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6117157	A	20000912	US 94210798	A	19940318	200054 .B
			US 95507600	A	19950726	
			US 96609767	A	19960223	
			US 98139494	A	19980825	

Priority Applications (No Type Date): US 98139494 A 19980825; US 94210798 A 19940318; US 95507600 A 19950726; US 96609767 A 19960223

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6117157	A		12	A61B-017/00	Cont of application US 94210798
					Cont of application US 95507600
					CIP of application US 96609767
					CIP of patent US 5797953

Abstract (Basic):

... second conically helically shaped coils (15,45) that expand radially in generally opposite directions. The **multiple** helically shaped coils (15,45) of the **embolization coil** accurately and centrally position the embolization coil in the vessel. Each coil acts as an...

?

19/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015839468 **Image available**
WPI Acc No: 2003-901672/200382
Related WPI Acc No: 2003-089333; 2005-046710
XRPX Acc No: N03-719991

Vaso-occlusive system for aneurysms, has energy delivery unit within catheter sleeve working end to remove sacrificial coatings of volume of microsphere in fluid media

Patent Assignee: SHADDUCK J H (SHAD-I); TRUCKAI C (TRUC-I)

Inventor: SHADDUCK J H; TRUCKAI C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030212427	A1	20031113	US 2000721812	A	20001124	200382 B
			US 2002386544	P	20020605	
			US 2003456149	A	20030605	

Priority Applications (No Type Date): US 2002386544 P 20020605; US 2000721812 A 20001124; US 2003456149 A 20030605

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030212427	A1		35	A61M-029/00	CIP of application US 2000721812 Provisional application US 2002386544 CIP of patent US 6458127

Abstract (Basic):

... Enables to select length and volume of an occlusive element in targeted site of **patient's vasculature**, reliably, to mechanically **occlude** the malformation...

19/3,K/2 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015633687 **Image available**
WPI Acc No: 2003-695869/200366
Related WPI Acc No: 2001-182397; 2002-657812; 2003-128921; 2003-585588; 2003-605686; 2003-644634; 2003-896516
XRAM Acc No: C03-191181
XRPX Acc No: N03-555635

Vaso-occlusive device for implantation into vasculature of patient to occlude blood flow, comprises hydratable filament containing extruded polyacrylonitrile

Patent Assignee: CONCENTRIC MEDICAL (CONC-N)

Inventor: HELKOWSKI R A; KEN C G M; PATEL T J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020193813	A1	20021219	US 2001288458	P	20010504	200366 B
			US 2002138535	A	20020506	

Priority Applications (No Type Date): US 2001288458 P 20010504; US 2002138535 A 20020506

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20020193813 A1 6 A61M-029/00 Provisional application US 2001288458

Vaso-occlusive device for implantation into vasculature of patient to occlude blood flow, comprises hydratable filament containing extruded polyacrylonitrile

19/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

015543530

WPI Acc No: 2003-605686/200357

Related WPI Acc No: 2001-182397; 2002-657812; 2003-128921; 2003-585588;

2003-644634; 2003-695869; 2003-896516

XRAM Acc No: C03-164808

XRFX Acc No: N03-482862

Non-metal vaso-occlusive device for implantation into vasculature of patient is made from material comprising polymer and configured in pre-implantation shape before implantation and assumes vaso-occluding shape after implantation

Patent Assignee: CONCENTRIC MEDICAL (CONC-N)

Inventor: DIECK M S; KEN C G M; PATEL T J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030004533	A1	20030102	US 2001288459	P	20010504	200357 B
			US 2002138529	A	20020506	

Priority Applications (No Type Date): US 2001288459 P 20010504; US 2002138529 A 20020506

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030004533	A1	10	A61M-029/00	Provisional application US 2001288459

Abstract (Basic):

... For implantation into **vasculature of patient to occlude**
abnormal blood flow...

19/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

014768434

WPI Acc No: 2002-589138/200263

Related WPI Acc No: 2001-138240

XRAM Acc No: C02-166688

Precursor composition useful for forming a biologically active anatomical occlusion in an anatomical cavity of a patient comprises a biodegradable, polymeric occlusion-forming component and a biologically active component

Patent Assignee: SCIMED LIFE SYSTEMS INC (SCIM-N)

Inventor: ABRAMS R M; BARRY J J; EDER J C; SLAIKEU P C; WALLACE M P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020058640	A1	20020516	US 99351769	A	19990712	200263 B
			US 200238730	A	20020102	

Priority Applications (No Type Date): US 200238730 A 20020102; US 99351769
A 19990712

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020058640	A1		7	A61K-048/00	CIP of application US 99351769

Abstract (Basic):

... anatomical occlusion in an anatomical cavity (claimed) e.g.
within the vasculature of patients. To **occlude** selected sites within
the body...

?

21/3,K/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012192216 **Image available**
WPI Acc No: 1998-609129/199851
Related WPI Acc No: 2000-646657; 2003-340765
XRPX Acc No: N98-473848

Method of intra-cranial vascular embolotherapy of intra-cranial blood vessel - involves providing an self-anchoring M or W shape wire anchor to prevent migration of the coil after placement

Patent Assignee: MICRO THERAPEUTICS INC (MICR-N)

Inventor: BERRYMAN T J; LENKER J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5830230	A	19981103	US 97813613	A	19970307	199851 B

Priority Applications (No Type Date): US 97813613 A 19970307

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5830230	A	8	A61M-029/00	

...Abstract (Basic): The method includes providing and anchored coil (1) for **occluding** the intracranial **vasculature** at or near the site of vascular disease within the intra-cranial vasculature. The coil...

...ADVANTAGE - Prevents possible migration of the **embolisation coils** , which could lead to life threatening complications...

?

25/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015534398 **Image available**
WPI Acc No: 2003-596548/200356
XRAM Acc No: C03-161526

**Medical stent, e.g. expandable stent used to deliver therapeutic via
microtubes, comprises microtubes in physical communication with first
surface of implantable structure**

Patent Assignee: SCIMED LIFE SYSTEMS INC (SCIM-N); BOSTON SCI LTD (BOST-N);
WALIK S (WALI-I)

Inventor: WALAK S; WALIK S

Number of Countries: 102 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030055407	A1	20030320	US 2001954179	A	20010918	200356 B
WO 200324495	A1	20030327	WO 2002US29013	A	20020913	200356
EP 1427454	A1	20040616	EP 2002761633	A	20020913	200439
			WO 2002US29013	A	20020913	
AU 2002326882	A1	20030401	AU 2002326882	A	20020913	200452

Priority Applications (No Type Date): US 2001954179 A 20010918

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20030055407 A1 14 A61K-009/22

WO 200324495 A1 E A61L-026/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MX MZ NO NZ
OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW

EP 1427454 A1 E A61L-026/00 Based on patent WO 200324495

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

AU 2002326882 A1 A61L-026/00 Based on patent WO 200324495

Abstract (Basic):

Technology Focus:

... Preferred Components: The biologically implantable structure has
a **second surface** of the implantable structure defining a channel.
The microtubes are contained within a polymer carrier...

...are randomly positioned next to each other. The implantable structure
can be a PICC, an **embolic** agent, an aneurysm **coil**, stent-graft, a-v
shunt, balloon, vena cava filter or an angio-catheter...

25/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015114571 **Image available**
WPI Acc No: 2003-175091/200317
Related WPI Acc No: 2003-183869
XRAM Acc No: C03-045709
XRPX Acc No: N03-137926

Fabrication of microdevices for parallel analysis of biomolecules involves a vapor deposition coating process with the coating including functional groups having an intrinsic reactivity to react with target molecules

Patent Assignee: LAHANN J (LAHA-I)

Inventor: LAHANN J

Number of Countries: 100 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200294454	A1	20021128	WO 2002US16326	A	20020522	200317 B
DE 10124873	A1	20021205	DE 10124873	A	20010522	200317
AU 2002312015	A1	20021203	AU 2002312015	A	20020522	200452

Priority Applications (No Type Date): DE 10125872 A 20010522; DE 10124873 A 20010522

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200294454 A1 E 16 B05D-003/04

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

DE 10124873 A1 B01D-057/02

AU 2002312015 A1 B05D-003/04 Based on patent WO 200294454

Abstract (Basic):

... research; such as useful for decolting of implantable devices e.g. heart valves, pacemakers, stents, **embolization coils**, bone substitution, hip substitution, bone screws, vascular grafts etc.; improved scaffold for tissue engineering, plates...

Technology Focus:

... functionalized polymer is provided such that the polymer covers only a part of the microdevice **surface**. The microdevice comprises **more** than **one** functionalized polymer coating deposited at different regions (preferably microchannels) of the device surface. The polymer ...

?

28/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016302424
WPI Acc No: 2004-460319/200443
XRAM Acc No: C04-171703
XRPX Acc No: N04-364603

**Occlusion device for retaining embolic material in axial aneurysms,
includes patch attached to link and residing in axial orientation when in
reduced cross section orientation and transverse orientation in when in
implanted orientation**

Patent Assignee: HOFFMANN G V (HOFF-I)
Inventor: HOFFMANN G V
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040111112	A1	20040610	US 2002427842	P	20021120	200443 B
			US 2003717045	A	20031119	

Priority Applications (No Type Date): US 2002427842 P 20021120; US
2003717045 A 20031119

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040111112	A1	16	A61M-029/00	Provisional application US 2002427842

Abstract (Basic):

... d) an **embolic coil** for treating an aneurysm, comprising an
embolic microcoil (44, 47), a support, and a strut...

Technology Focus:

... Preferred Material: The wire frame comprises a nickel titanium
alloy .

International Patent Class (Main): **A61M-029/00**

28/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012989384 **Image available**
WPI Acc No: 2000-161237/200014
Related WPI Acc No: 2002-256775; 2003-111577
XRAM Acc No: C00-050506
XRPX Acc No: N00-120254

**Intravascular flow modifier and vascular reinforcement device for
treatment of aneurysms**

Patent Assignee: MICRUS CORP (MICR-N); DENARDO A J (DENA-I)
Inventor: DENARDO A J
Number of Countries: 087 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200004845	A2	20000203	WO 99US16105	A	19990715	200014 B
AU 9952147	A	20000214	AU 9952147	A	19990715	200029
US 6165194	A	20001226	US 98122243	A	19980724	200103
US 20010000798	A1	20010503	US 98122243	A	19980724	200126
			US 2000747456	A	20001222	
EP 1143878	A2	20011017	EP 99937274	A	19990715	200169
			WO 99US16105	A	19990715	

US 6416541	B2	20020709	US 98122243	A	19980724	200253
			US 2000747456	A	20001222	
JP 2002521088	W	20020716	WO 99US16105	A	19990715	200261
			JP 2000560840	A	19990715	

Priority Applications (No Type Date): US 98122243 A 19980724; US 2000747456 A 20001222

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200004845	A2	E	21	A61F-002/00	
					Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW
					Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW
AU 9952147	A				Based on patent WO 200004845
US 6165194	A			A61M-029/00	
US 20010000798	A1			A61M-029/00	Div ex application US 98122243
					Div ex patent US 6165194
EP 1143878	A2	E		A61F-002/00	Based on patent WO 200004845
					Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI
US 6416541	B2			A61F-002/06	Div ex application US 98122243
					Div ex patent US 6165194
JP 2002521088	W		23	A61B-017/00	Based on patent WO 200004845

Abstract (Basic):

... is useful for treatment of damaged arteries incorporating aneurysms, particularly those that are treatable using **embolic coils** to occlude aneurysms...

Technology Focus:

... Preferred Material: The superelastic or shape memory material is a nickel-titanium **alloy**.

...International Patent Class (Main): **A61M-029/00**

...International Patent Class (Additional): **A61M-029/02**

?

? show files; ds; save temp; logoff hold
File 5:Biosis Previews(R) 1969-2005/Jun W4
(c) 2005 BIOSIS
File 73:EMBASE 1974-2005/Jun 29
(c) 2005 Elsevier Science B.V.
File 155:MEDLINE(R) 1951-2005/Jun W3
(c) format only 2005 The Dialog Corp.
File 172:EMBASE Alert 2005/Jun 30
(c) 2005 Elsevier Science B.V.
File 188:Health Devices Sourcebook 2004
ECRI (A nonprofit agency)
File 198:Health Devices Alerts(R) 1977-2005/Jun W3
(c) 2005 ECRI-nonprft agncy

Set	Items	Description
S1	4253	EMBOLI?(3N)COIL?
S2	5	S1(7N)(PLATINUM(3N)ALLOY? OR PLATINUM(3N)TUNGSTEN)
S3	23732	{TWO OR DOUBLE OR SECONDARY OR SECOND OR DUAL OR MORE(2W)O-NE)(3N) SURFACE?
S4	256	S3(7N)(SMOOTH? OR FINE? OR UNWRINKLED)
S5	94	S3(7N)TEXTURE?
S6	50	OCCLUD?(3N)VASCULATURE?
S7	4	S6(7N)PATIENT?
S8	116	S1(7N)(MULTI OR MULTIPLE OR MANY OR SEVERAL OR PLURAL??? OR VARIOUS)
S9	0	S8(7N)TEXTURE()SURFACE?
S10	18517	AU=(JONES, D? OR JONES D? OR MITELBERG, V? OR MITELBERG V?)
S11	7	S10 AND S1
S12	7	RD (unique items)
S13	4	RD S2 (unique items)
S14	4	S13 NOT S12
S15	4	S14 NOT PY>2001
S16	0	S1(S)S5
S17	0	S1(S)S4
S18	0	S1(S)S3
S19	0	S6(S)S8
S20	2	RD S7 (unique items)
S21	0	S20 NOT PY>2001
S22	63	RD S8 (unique items)
S23	42	S22 NOT PY>2001
S24	0	S23(S)S6

12/3,K/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0015065162 BIOSIS NO.: 200400435951

Stent aneurysm embolization method using collapsible member and embolic coils

AUTHOR: **Jones Donald K** (Reprint); **Mitelberg Vladimir**
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1287 (2): Oct. 12, 2004 2004
MEDIUM: e-file
PATENT NUMBER: US 6802851 PATENT DATE GRANTED: October 12, 2004 20041012
PATENT CLASSIFICATION: 606-200 PATENT ASSIGNEE: Gordia Neurovascular,
Inc., Miami Lakes, FL, USA PATENT COUNTRY: USA
ISSN: 0098-1133 (ISSN print)
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

Stent aneurysm embolization method using collapsible member and embolic coils

AUTHOR: **Jones Donald K** ...

... **Mitelberg Vladimir**

...ABSTRACT: more embolization elements within the aneurysm. In the illustrative embodiment, the embolization element comprises an **embolic coil**, the stent comprises a helical coil, and the framework and helical coil are connected so...

12/3,K/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0014919481 BIOSIS NO.: 200400290238

Heated vascular occlusion coil deployment system

AUTHOR: Barry David C (Reprint); **Jones Donald K** ; **Mitelberg Vladimir**
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1283 (1): June 1, 2004 2004
MEDIUM: e-file
PATENT NUMBER: US 6743236 PATENT DATE GRANTED: June 01, 2004 20040601
PATENT CLASSIFICATION: 606-108 PATENT ASSIGNEE: Cordis Corporation
PATENT COUNTRY: USA
ISSN: 0098-1133 (ISSN print)
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

...AUTHOR: **Jones Donald K** ...

... **Mitelberg Vladimir**

ABSTRACT: An **embolic coil** deployment system for placing a coil at a preselected site within a vessel of the...

DESCRIPTORS:

METHODS & EQUIPMENT: **embolic coil** deployment system...

12/3,K/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0014702866 BIOSIS NO.: 200400083623
Method and device for retrieving embolic coils
AUTHOR: Diaz Roberto (Reprint); **Mitelberg Vladimir**
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1278 (1): Jan. 6, 2004 2004
MEDIUM: e-file
PATENT NUMBER: US 6673100 PATENT DATE GRANTED: January 06, 2004 20040106
PATENT CLASSIFICATION: 623-111 PATENT ASSIGNEE: Cordis Neurovascular, Inc.
PATENT COUNTRY: USA
ISSN: 0098-1133 (ISSN print)
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

Method and device for retrieving embolic coils
...AUTHOR: **Mitelberg Vladimir**

ABSTRACT: A method and device are disclosed for retrieving **embolic coils**
used for treating an aneurysm of a patient. The method comprises the
steps of providing...

...distal end of the microcatheter. The latch member is manipulated so that
it engages an **embolic coil** to be retrieved. The latch-engaged
embolic coil and wire device are withdrawn through the catheter,
whereby the arms become collapsed as the arm is withdrawn through the
catheter, securing the latch and the **embolic coil**.

DESCRIPTORS:

METHODS & EQUIPMENT: **embolic coil** --...

... **embolic coil** retrieval...

... **embolic coil** retrieval device

12/3,K/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0013323223 BIOSIS NO.: 200100495062
Heated vascular occlusion coil development system
AUTHOR: Barry David C (Reprint); **Jones Donald K ; Mitelberg Vladimir**
AUTHOR ADDRESS: San Jose, CA, USA**USA
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1249 (3): Aug. 21, 2001 2001
MEDIUM: e-file
PATENT NUMBER: US 6277126 PATENT DATE GRANTED: August 21, 2001 20010821
PATENT CLASSIFICATION: 606-108 PATENT ASSIGNEE: Cordis Neurovascular Inc.,
Miami Lakes, FL, USA PATENT COUNTRY: USA
ISSN: 0098-1133
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

...AUTHOR: **Jones Donald K** ...

... **Mitelberg Vladimir**

ABSTRACT: An **embolic coil** deployment system for placing a coil at a preselected site within a vessel of the...

12/3,K/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0013313978 BIOSIS NO.: 200100485817

Embolic coil deployment system with retaining jaws

AUTHOR: Barry David C; **Jones Donald K**

JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1249 (3): Aug. 21, 2001 2001

MEDIUM: e-file

PATENT NUMBER: US 6277125 PATENT DATE GRANTED: August 21, 2001 20010821

PATENT CLASSIFICATION: 606-108 PATENT ASSIGNEE: Cordis Neurovascular, Inc.

PATENT COUNTRY: USA

ISSN: 0098-1133

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

Embolic coil deployment system with retaining jaws

...AUTHOR: **Jones Donald K**

ABSTRACT: An **embolic coil** deployment system for placing a coil at a preselected site within a vessel of the...

DESCRIPTORS:

...METHODS & EQUIPMENT: **embolic coil** deployment system

12/3,K/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0013186883 BIOSIS NO.: 200100358722

Stretch resistant embolic coil with variable stiffness

AUTHOR: Diaz Roberto; **Jones Donald K** ; Naglreiter Brett E

JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1242 (5): Jan. 30, 2001 2001

MEDIUM: e-file

PATENT NUMBER: US 6179857 PATENT DATE GRANTED: January 30, 2001 20010130

PATENT CLASSIFICATION: 606-194 PATENT ASSIGNEE: Cordis Corporation

PATENT COUNTRY: USA

ISSN: 0098-1133

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

Stretch resistant embolic coil with variable stiffness

...AUTHOR: **Jones Donald K**

ABSTRACT: An **embolic coil** which may be placed at a preselected location within a vessel comprising a helically wound...

DESCRIPTORS:

METHODS & EQUIPMENT: variable stiffness stretch resistant **embolic coil**

--
12/3,K/7 (Item 7 from file: 5)
DIALOG(R)File 5: BIOSIS Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0012821730 BIOSIS NO.: 200000540043

Embolic coil **deployment system with improved** embolic coil
AUTHOR: Diaz Roberto (Reprint); Jones Donald K ; Naglreiter Brett E
AUTHOR ADDRESS: Miami, FL, USA**USA
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1234 (3): May 16, 2000 2000
MEDIUM: e-file
PATENT NUMBER: US 6063100 PATENT DATE GRANTED: May 16, 2000 20000516
PATENT CLASSIFICATION: 606-191 PATENT ASSIGNEE: Cordis Corporation
PATENT COUNTRY: USA
ISSN: 0098-1133
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

Embolic coil **deployment system with improved** embolic coil
...AUTHOR: Jones Donald K

ABSTRACT: A medical device for placing an **embolic coil** at a preselected location within a vessel comprising a positioning catheter having a distal tip for retaining the **embolic coil** which when pressurized with a fluid expands outwardly to release the coil at the preselected position and in which a plurality of turns at the proximal portion of the **embolic coil** are spot welded to adjacent turns to prevent this proximal portion of the coil from...

DESCRIPTORS:

METHODS & EQUIPMENT: **embolic coil** --....

... **embolic coil** deployment system...

... **embolic coil** placement

?

15/3,K/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2005 BIOSIS. All rts. reserv.

0013042356 BIOSIS NO.: 200100214195

Helical embolization coil

AUTHOR: Tekulve Kurt J (Reprint)
AUTHOR ADDRESS: Ellettsville, IN, USA**USA
JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1238 (2): Sep. 12, 2000 2000
MEDIUM: e-file
PATENT NUMBER: US 6117157 PATENT DATE GRANTED: September 12, 2000 20000912
PATENT CLASSIFICATION: 606-200 PATENT ASSIGNEE: Cook Incorporated
PATENT COUNTRY: USA
ISSN: 0098-1133
DOCUMENT TYPE: Patent
RECORD TYPE: Abstract
LANGUAGE: English

...ABSTRACT: helically shaped embolization coil (10) for occluding a blood vessel, aneurysm, and the like. The **embolization coil** includes a continuous **platinum - tungsten alloy** wire strand (11) wound into a longitudinally extending coil (12) having a plurality of tightly...

15/3,K/2 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2005 Elsevier Science B.V. All rts. reserv.

10938681 EMBASE No: 2000428057

Successful treatment of coronary artery perforation in an abciximab-treated patient by microcoil embolization

Assali A.R.; Moustapha A.; Sdringola S.; Rihner M.; Smalling R.W.
Dr. R.W. Smalling, Cardiology Division, University of Texas Medical School, Hermann Hospital, P.O. Box 20708, Houston, TX 77225 United States
AUTHOR EMAIL: smalling@heart.med.uth.tmc.edu
Catheterization and Cardiovascular Interventions (CATHETER. CARDIOVASC. INTERVENTIONS) (United States) 2000, 51/4 (487-489)
CODEN: CARIF ISSN: 1522-1946
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 10

...artery rotablation and stenting with abciximab therapy. The coronary artery perforation was successfully treated by **coil embolization** with Trufill pushable **coils** made from **platinum alloy** and synthetic fibers to promote maximum thrombogenicity. (C) 2000 Wiley-Liss, Inc.

15/3,K/3 (Item 1 from file: 198)
DIALOG(R)File 198:Health Devices Alerts(R)
(c) 2005 ECRI-nonprft agncy. All rts. reserv.

00639082 ABS-D2760 SUBFILE: ABS
PRODUCT(s): 15-034 EMBOLIZATION PROSTHESES, INTRAVASCULAR

SOURCE: Byrne JV, Hope JK, Hubbard N, et al. The nature of thrombosis induced by platinum and tungsten coils in saccular aneurysms. "Am J

Neuroradiol" 1997 Jan;18(1):29-33.

COMMON DEVICE NAME: Detachable **Embolization** Coils : (1) **Platinum**
Guglielmi, (2) **Tungsten** Mecanique des Spirales

15/3,K/4 (Item 2 from file: 198)
DIALOG(R)File 198:Health Devices Alerts(R)
(c) 2005 ECRI-nonprft agncy. All rts. reserv.

00629838 ABS-M4604 SUBFILE: ABS
PRODUCT(s): 15-034 EMBOLIZATION PROSTHESES, INTRAVASCULAR

SOURCE: Reul J, Weis J, Spetzger U, et al. Long-term angiographic and histopathologic findings in experimental aneurysms of the carotid bifurcation embolized with platinum and tungsten coils. "AJNR" 1997 Jan;18(1):35-42.

COMMON DEVICE NAME: **Embolization** Coils : (1) Guglielmi **Platinum** , (2) **Tungsten**

The authors studied the effect of **platinum** and **tungsten embolization coils** to occlude experimental carotid aneurysms in the rabbit model. 8 aneurysms were occluded with platinum...
?

? show files; ds; save temp; logoff hold
 File 16:Gale Group PROMT(R) 1990-2005/Jul 01
 (c) 2005 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2005/Jul 01
 (c)2005 The Gale Group
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jul 01
 (c) 2005 The Gale Group

Set	Items	Description
S1	421	EMBOLI?(3N)COIL?
S2	0	S1(7N)(PLATINUM(3N)ALLOY? OR PLATINUM(3N)TUNGSTEN)
S3	15394	(TWO OR DOUBLE OR SECONDARY OR SECOND OR DUAL OR MORE(2W)O- NE)(3N) SURFACE?
S4	295	S3(7N)(SMOOTH? OR FINE? OR UNWRINKLED)
S5	92	S3(7N)TEXTURE?
S6	11	OCCLUD?(3N)VASCULATURE?
S7	0	S6(7N)PATIENT?
S8	0	S1(7N)(MULTI OR MULTIPLE OR MANY OR SEVERAL OR PLURAL??? OR VARIOUS)
S9	0	S8(7N)TEXTURE()SURFACE?
S10	2474	AU=(JONES, D? OR JONES D? OR MITELBERG, V? OR MITELBERG V?)
S11	0	S1(S)S3
S12	0	S10 AND S1
S13	4	RD S6 (unique items)
S14	3	S13 NOT PY>2001
S15	0	S1(S)TEXTURE?
S16	0	S1(S)(SMOOTH? OR FINE? OR UNWRINKLED)
S17	0	S1(S)OCCLUD?(S)VASCULATURE?

14/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

09232298 Supplier Number: 80340357 (USE FORMAT 7 FOR FULLTEXT)
OmniSonics Medical Technologies, Inc. Names Alan T. Barber Chief Financial Officer.
Business Wire, p2276
Nov 27, 2001
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 470

... Resolution(TM) System, an extremely small diameter, minimally invasive ultrasonic technology for restoring circulation in **occluded vasculature** . Since its inception, the company has made significant progress towards developing its core applications for...

14/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

08671372 Supplier Number: 75118608 (USE FORMAT 7 FOR FULLTEXT)
OmniSonics Medical Technologies, Inc. Announces \$21 Million in Second-Round Financing.
Business Wire, p2200
May 30, 2001
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 535

... Resolution(TM) System, an extremely small diameter, minimally invasive ultrasonic technology for restoring circulation in **occluded vasculature** . Since its inception, the company has made significant progress towards developing its core applications for...

14/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

08239532 Supplier Number: 69405418 (USE FORMAT 7 FOR FULLTEXT)
OmniSonics Medical Technologies, Inc. Appoints Director of Clinical Affairs.
Business Wire, p2306
Jan 23, 2001
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 450

... Resolution(TM) System, an extremely small diameter, minimally invasive ultrasonic technology for restoring circulation in **occluded vasculature** . Since its inception, the company has made significant progress towards developing its core applications for...

?